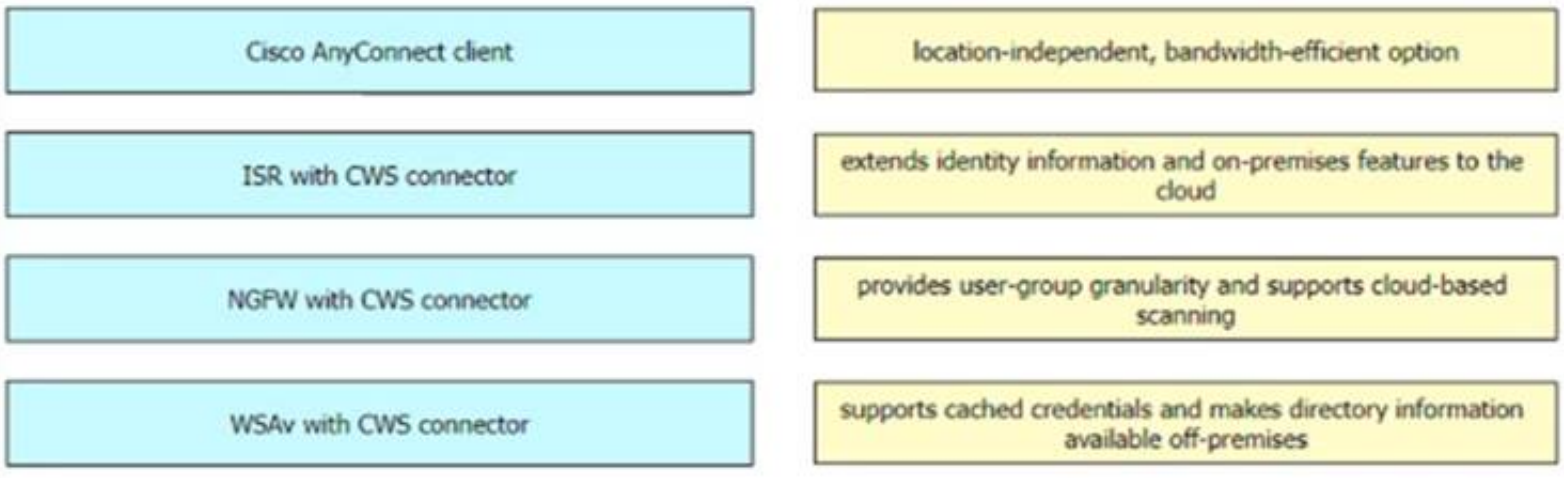
Cisco

Exam Questions 350-701

Implementing and Operating Cisco Security Core Technologies

NEW QUESTION 1
- (Exam Topic 3)
Drag and drop the Cisco CWS redirection options from the left onto the capabilities on the right.



A. Mastered
B. Not Mastered

Answer: A
Explanation:
Reference:
https://www.westconcomstor.com/medias/CWS-data-sheet-c78-729637-1-.pdf?context=bWFzdGVyfHJvb3R8M

NEW QUESTION 2
- (Exam Topic 3)
An organization wants to use Cisco FTD or Cisco ASA devices. Specific URLs must be blocked from being accessed via the firewall which requires that the administrator input the bad URL categories that the organization wants blocked into the access policy. Which solution should be used to meet this requirement?

A. Cisco ASA because it enables URL filtering and blocks malicious URLs by default, whereas Cisco FTD does not
B. Cisco ASA because it includes URL filtering in the access control policy capabilities, whereas Cisco FTD does not
C. Cisco FTD because it includes URL filtering in the access control policy capabilities, whereas Cisco ASA does not
D. Cisco FTD because it enables URL filtering and blocks malicious URLs by default, whereas Cisco ASAdoes not

Answer: C

NEW QUESTION 3
- (Exam Topic 3)
What is a difference between GETVPN and IPsec?

A. GETVPN reduces latency and provides encryption over MPLS without the use of a central hub
B. GETVPN provides key management and security association management
C. GETVPN is based on IKEv2 and does not support IKEv1
D. GETVPN is used to build a VPN network with multiple sites without having to statically configure all devices

Answer: C

NEW QUESTION 4
- (Exam Topic 3)
An administrator configures a Cisco WSA to receive redirected traffic over ports 80 and 443. The organization requires that a network device with specific WSA integration capabilities be configured to send the traffic to the WSA to proxy the requests and increase visibility, while making this invisible to the users. What must be done on the Cisco WSA to support these requirements?

A. Configure transparent traffic redirection using WCCP in the Cisco WSA and on the network device
B. Configure active traffic redirection using WPAD in the Cisco WSA and on the network device
C. Use the Layer 4 setting in the Cisco WSA to receive explicit forward requests from the network device
D. Use PAC keys to allow only the required network devices to send the traffic to the Cisco WSA

Answer: A

NEW QUESTION 5
- (Exam Topic 3)
What limits communication between applications or containers on the same node?

A. microsegmentation
B. container orchestration
C. microservicing
D. Software-Defined Access

Answer: D

NEW QUESTION 6

- (Exam Topic 3)
Based on the NIST 800-145 guide, which cloud architecture may be owned, managed, and operated by one or more of the organizations in the community, a third party, or some combination of them, and it may exist on or off premises?

A. hybrid cloud
B. private cloud
C. public cloud
D. community cloud

Answer: D

NEW QUESTION 7
- (Exam Topic 3)
Which benefit does DMVPN provide over GETVPN?

A. DMVPN supports QoS, multicast, and routing, and GETVPN supports only QoS.
B. DMVPN is a tunnel-less VPN, and GETVPN is tunnel-based.
C. DMVPN supports non-IP protocols, and GETVPN supports only IP protocols.
D. DMVPN can be used over the public Internet, and GETVPN requires a private network.

Answer: D

NEW QUESTION 8
- (Exam Topic 3)
Which function is performed by certificate authorities but is a limitation of registration authorities?

A. accepts enrollment requests
B. certificate re-enrollment
C. verifying user identity
D. CRL publishing

Answer: C

NEW QUESTION 9
- (Exam Topic 3)
An engineer is configuring cloud logging using a company-managed Amazon S3 bucket for Cisco Umbrella logs. What benefit does this configuration provide for accessing log data?

A. It is included m the license cost for the multi-org console of Cisco Umbrella
B. It can grant third-party SIEM integrations write access to the S3 bucket
C. No other applications except Cisco Umbrella can write to the S3 bucket
D. Data can be stored offline for 30 days.

Answer: D

NEW QUESTION 10
- (Exam Topic 3)
How does a cloud access security broker function?

A. It is an authentication broker to enable single sign-on and multi-factor authentication for a cloud solution
B. lt integrates with other cloud solutions via APIs and monitors and creates incidents based on events from the cloud solution
C. It acts as a security information and event management solution and receives syslog from other cloud solutions.
D. It scans other cloud solutions being used within the network and identifies vulnerabilities

Answer: B

NEW QUESTION 10
- (Exam Topic 3)
When a next-generation endpoint security solution is selected for a company, what are two key deliverables that help justify the implementation? (Choose two.)

A. signature-based endpoint protection on company endpoints
B. macro-based protection to keep connected endpoints safe
C. continuous monitoring of all files that are located on connected endpoints
D. email integration to protect endpoints from malicious content that is located in email
E. real-time feeds from global threat intelligence centers

Answer: CE

NEW QUESTION 15
- (Exam Topic 3)
Which cloud service offering allows customers to access a web application that is being hosted, managed, and maintained by a cloud service provider?

A. IaC
B. SaaS
C. IaaS
D. PaaS

Answer: B

NEW QUESTION 20
- (Exam Topic 3)
Which CoA response code is sent if an authorization state is changed successfully on a Cisco IOS device?

A. CoA-NCL
B. CoA-NAK
C. ???-???
D. CoA-ACK

Answer: D

NEW QUESTION 24
- (Exam Topic 3)
What are two facts about WSA HTTP proxy configuration with a PAC file? (Choose two.)

A. It is defined as a Transparent proxy deployment.
B. In a dual-NIC configuration, the PAC file directs traffic through the two NICs to the proxy.
C. The PAC file, which references the proxy, is deployed to the client web browser.
D. It is defined as an Explicit proxy deployment.
E. It is defined as a Bridge proxy deployment.

Answer: CD

NEW QUESTION 25
- (Exam Topic 3)
Which Cisco platform provides an agentless solution to provide visibility across the network including encrypted traffic analytics to detect malware in encrypted traffic without the need for decryption?

A. Cisco Advanced Malware Protection
B. Cisco Stealthwatch
C. Cisco Identity Services Engine
D. Cisco AnyConnect

Answer: B

NEW QUESTION 27
- (Exam Topic 3)
Which solution supports high availability in routed or transparent mode as well as in northbound and southbound deployments?

A. Cisco FTD with Cisco ASDM
B. Cisco FTD with Cisco FMC
C. Cisco Firepower NGFW physical appliance with Cisc
D. FMC
E. Cisco Firepower NGFW Virtual appliance with Cisco FMC

Answer: B

NEW QUESTION 28
- (Exam Topic 3)
An email administrator is setting up a new Cisco ESA. The administrator wants to enable the blocking of greymail for the end user. Which feature must the administrator enable first?

A. File Analysis
B. IP Reputation Filtering
C. Intelligent Multi-Scan
D. Anti-Virus Filtering

Answer: C

NEW QUESTION 32
- (Exam Topic 3)
An organization uses Cisco FMC to centrally manage multiple Cisco FTD devices The default management port conflicts with other communications on the network and must be changed What must be done to ensure that all devices can communicate together?

A. Set the sftunnel to go through the Cisco FTD
B. Change the management port on Cisco FMC so that it pushes the change to all managed Cisco FTD devices
C. Set the sftunnel port to 8305.
D. Manually change the management port on Cisco FMC and all managed Cisco FTD devices

Answer: D

NEW QUESTION 35
- (Exam Topic 3)

Why is it important to patch endpoints consistently?

A. Patching reduces the attack surface of the infrastructure.
B. Patching helps to mitigate vulnerabilities.
C. Patching is required per the vendor contract.
D. Patching allows for creating a honeypot.

Answer: B

NEW QUESTION 36
- (Exam Topic 3)
A network engineer is configuring NetFlow top talkers on a Cisco router Drag and drop the steps in the process from the left into the sequence on the right

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 37
- (Exam Topic 3)
A Cisco ISE engineer configures Central Web Authentication (CWA) for wireless guest access and must have the guest endpoints redirect to the guest portal for authentication and authorization. While testing the policy, the engineer notices that the device is not redirected and instead gets full guest access. What must be done for the redirect to work?

A. Tag the guest portal in the CWA part of the Common Tasks section of the authorization profile for the authorization policy line that the unauthenticated devices hit.
B. Use the track movement option within the authorization profile for the authorization policy line that the unauthenticated devices hit.
C. Create an advanced attribute setting of Cisco:cisco-gateway-id=guest within the authorization profile for the authorization policy line that the unauthenticated devices hit.
D. Add the DACL name for the Airespace ACL configured on the WLC in the Common Tasks section of the authorization profile for the authorization policy line that the unauthenticated devices hit.

Answer: D

NEW QUESTION 42
- (Exam Topic 3)

A Cisco FTD engineer is creating a new IKEv2 policy called s2s00123456789 for their organization to allow for additional protocols to terminate network devices with. They currently only have one policy established and need the new policy to be a backup in case some devices cannot support the stronger algorithms listed in the primary policy. What should be done in order to support this?

A. Change the integrity algorithms to SHA* to support all SHA algorithms in the primary policy
B. Make the priority for the new policy 5 and the primary policy 1
C. Change the encryption to AES* to support all AES algorithms in the primary policy
D. Make the priority for the primary policy 10 and the new policy 1

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/security-vpn/ipsec-negotiation-ike-protocols/215470- site-to-site-vpn-configuration-on-ftd-ma.html

NEW QUESTION 47
- (Exam Topic 3)
An administrator configures new authorization policies within Cisco ISE and has difficulty profiling the devices. Attributes for the new Cisco IP phones that are profiled based on the RADIUS authentication are seen however the attributes for CDP or DHCP are not. What should the administrator do to address this issue?

A. Configure the ip dhcp snooping trust command on the DHCP interfaces to get the information to Cisco ISE
B. Configure the authentication port-control auto feature within Cisco ISE to identify the devices that are trying to connect
C. Configure a service template within the switch to standardize the port configurations so that the correct information is sent to Cisco ISE
D. Configure the device sensor feature within the switch to send the appropriate protocol information

Answer: D

Explanation:
Reference:
https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine/200292-ConfigureDevice-Sensor

NEW QUESTION 51
- (Exam Topic 3)
An engineer is deploying Cisco Advanced Malware Protection (AMP) for Endpoints and wants to create a policy that prevents users from executing file named abc424952615.exe without quarantining that file What type of Outbreak Control list must the SHA.-256 hash value for the file be added to in order to accomplish this?

A. Advanced Custom Detection
B. Blocked Application
C. Isolation
D. Simple Custom Detection

Answer: B

NEW QUESTION 55
- (Exam Topic 3)
A network security engineer must export packet captures from the Cisco FMC web browser while troubleshooting an issue. When navigating to the address https://<FMC IP>/capure/CAPI/pcap/test.pcap, an error 403: Forbidden is given instead of the PCAP file. Which action must the engineer take to resolve this issue?

A. Disable the proxy setting on the browser
B. Disable the HTTPS server and use HTTP instead
C. Use the Cisco FTD IP address as the proxy server setting on the browser
D. Enable the HTTPS server for the device platform policy

Answer: D

NEW QUESTION 57
- (Exam Topic 3)
An organization is implementing AAA for their users. They need to ensure that authorization is verified for every command that is being entered by the network administrator. Which protocol must be configured in order to provide this capability?

A. EAPOL
B. SSH
C. RADIUS
D. TACACS+

Answer: D

NEW QUESTION 58
- (Exam Topic 3)
Which Cisco DNA Center Intent API action is used to retrieve the number of devices known to a DNA Center?

A. GET https://fqdnOrlPofDnaCenterPlatform/dna/intent/api/v1/network-device/count
B. GET https://fqdnOrlPofDnaCenterPlatform/dna/intent/api/v1/network-device
C. GEThttps://fqdnOrlPofDnaCenterPlatform/dna/intent/api/v1/networkdevice?parameter1=value&parameter2=v
D. GET https://fqdnOrlPofDnaCenterPlatform/dna/intent/api/v 1/networkdevice/startIndex/recordsToReturn

Answer: A

NEW QUESTION 63
- (Exam Topic 3)
What is an advantage of the Cisco Umbrella roaming client?

A. the ability to see all traffic without requiring TLS decryption
B. visibility into IP-based threats by tunneling suspicious IP connections
C. the ability to dynamically categorize traffic to previously uncategorized sites
D. visibility into traffic that is destined to sites within the office environment

Answer: C

NEW QUESTION 66
- (Exam Topic 3)
Which solution for remote workers enables protection, detection, and response on the endpoint against known and unknown threats?

A. Cisco AMP for Endpoints
B. Cisco AnyConnect
C. Cisco Umbrella
D. Cisco Duo

Answer: A

NEW QUESTION 71
- (Exam Topic 3)
What are two ways that Cisco Container Platform provides value to customers who utilize cloud service providers? (Choose two.)

A. Allows developers to create code once and deploy to multiple clouds
B. helps maintain source code for cloud deployments
C. manages Docker containers
D. manages Kubernetes clusters
E. Creates complex tasks for managing code

Answer: AE

NEW QUESTION 72
- (Exam Topic 3)
What is a description of microsegmentation?

A. Environments deploy a container orchestration platform, such as Kubernetes, to manage the application delivery.
B. Environments apply a zero-trust model and specify how applications on different servers or containers can communicate.
C. Environments deploy centrally managed host-based firewall rules on each server or container.
D. Environments implement private VLAN segmentation to group servers with similar applications.

Answer: B

NEW QUESTION 73
- (Exam Topic 3)
Which MDM configuration provides scalability?

A. pushing WPA2-Enterprise settings automatically to devices
B. enabling use of device features such as camera use
C. BYOD support without extra appliance or licenses
D. automatic device classification with level 7 fingerprinting

Answer: C

NEW QUESTION 78
- (Exam Topic 3)
In which two ways does the Cisco Advanced Phishing Protection solution protect users? (Choose two.)

A. It prevents use of compromised accounts and social engineering.
B. It prevents all zero-day attacks coming from the Internet.
C. It automatically removes malicious emails from users' inbox.
D. It prevents trojan horse malware using sensors.
E. It secures all passwords that are shared in video conferences.

Answer: BC

NEW QUESTION 83
- (Exam Topic 3)
A hacker initiated a social engineering attack and stole username and passwords of some users within a company. Which product should be used as a solution to this problem?

A. Cisco NGFW
B. Cisco AnyConnect
C. Cisco AMP for Endpoints

D. Cisco Duo

Answer: D

NEW QUESTION 88
- (Exam Topic 3)
An engineer is trying to decide between using L2TP or GRE over IPsec for their site-to-site VPN implementation. What must be un solution?

A. L2TP is an IP packet encapsulation protocol, and GRE over IPsec is a tunneling protocol.
B. L2TP uses TCP port 47 and GRE over IPsec uses UDP port 1701.
C. GRE over IPsec adds its own header, and L2TP does not.
D. GRE over IPsec cannot be used as a standalone protocol, and L2TP can.

Answer: D

NEW QUESTION 92
- (Exam Topic 3)
Which two authentication protocols are supported by the Cisco WSA? (Choose two.)

A. WCCP
B. NTLM
C. TLS
D. SSL
E. LDAP

Answer: BE

NEW QUESTION 93
- (Exam Topic 3)
What is the function of the crypto is a kmp key cisc406397954 address 0.0.0.0 0.0.0.0 command when establishing an IPsec VPN tunnel?

A. It defines what data is going to be encrypted via the VPN
B. lt configures the pre-shared authentication key
C. It prevents all IP addresses from connecting to the VPN server.
D. It configures the local address for the VPN server.

Answer: B

NEW QUESTION 94
- (Exam Topic 3)
Which solution is made from a collection of secure development practices and guidelines that developers must follow to build secure applications?

A. AFL
B. Fuzzing Framework
C. Radamsa
D. OWASP

Answer: D

NEW QUESTION 96
- (Exam Topic 3)
What are two functionalities of northbound and southbound APIs within Cisco SDN architecture? (Choose two.)

A. Southbound APIs are used to define how SDN controllers integrate with applications.
B. Southbound interfaces utilize device configurations such as VLANs and IP addresses.
C. Northbound APIs utilize RESTful API methods such as GET, POST, and DELETE.
D. Southbound APIs utilize CLI, SNMP, and RESTCONF.
E. Northbound interfaces utilize OpenFlow and OpFlex to integrate with network devices.

Answer: CD

NEW QUESTION 98
- (Exam Topic 3)
A company discovered an attack propagating through their network via a file. A custom file policy was created in order to track this in the future and ensure no other endpoints execute the infected file. In addition, it was discovered during testing that the scans are not detecting the file as an indicator of compromise. What must be done in order to ensure that the created is functioning as it should?

A. Create an IP block list for the website from which the file was downloaded
B. Block the application that the file was using to open
C. Upload the hash for the file into the policy
D. Send the file to Cisco Threat Grid for dynamic analysis

Answer: C

NEW QUESTION 101

- (Exam Topic 3)
Which Cisco security solution secures public, private, hybrid, and community clouds?

A. Cisco ISE
B. Cisco ASAv
C. Cisco Cloudlock
D. Cisco pxGrid

Answer: C

NEW QUESTION 104
- (Exam Topic 3)
A company identified a phishing vulnerability during a pentest What are two ways the company can protect employees from the attack? (Choose two.)

A. using Cisco Umbrella
B. using Cisco ESA
C. using Cisco FTD
D. using an inline IPS/IDS in the network
E. using Cisco ISE

Answer: AB

NEW QUESTION 108
- (Exam Topic 3)
What is a benefit of using Cisco Tetration?

A. It collects telemetry data from servers and then uses software sensors to analyze flow information.
B. It collects policy compliance data and process details.
C. It collects enforcement data from servers and collects interpacket variation.
D. It collects near-real time data from servers and inventories the software packages that exist on servers.

Answer: C

NEW QUESTION 110
- (Exam Topic 3)
An organization wants to provide visibility and to identify active threats in its network using a VM. The organization wants to extract metadata from network packet flow while ensuring that payloads are not retained or transferred outside the network. Which solution meets these requirements?

A. Cisco Umbrella Cloud
B. Cisco Stealthwatch Cloud PNM
C. Cisco Stealthwatch Cloud PCM
D. Cisco Umbrella On-Premises

Answer: B

Explanation:
Reference:
https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2019/pdf/5eU6DfQV/LTRSEC-2240-LG2.pdf

NEW QUESTION 112
- (Exam Topic 3)
What is the term for when an endpoint is associated to a provisioning WLAN that is shared with guest access, and the same guest portal is used as the BYOD portal?

A. single-SSID BYOD
B. multichannel GUI
C. dual-SSID BYOD
D. streamlined access

Answer: C

NEW QUESTION 116
- (Exam Topic 3)
How does Cisco Umbrella protect clients when they operate outside of the corporate network?

A. by modifying the registry for DNS lookups
B. by using Active Directory group policies to enforce Cisco Umbrella DNS servers
C. by using the Cisco Umbrella roaming client
D. by forcing DNS queries to the corporate name servers

Answer: C

NEW QUESTION 117
- (Exam Topic 3)
Which feature does the laaS model provide?

A. granular control of data

B. dedicated, restricted workstations
C. automatic updates and patching of software
D. software-defined network segmentation

Answer: C

NEW QUESTION 122
- (Exam Topic 3)
Drag and drop the exploits from the left onto the type of security vulnerability on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 125
- (Exam Topic 3)
An organization configures Cisco Umbrella to be used for its DNS services. The organization must be able to block traffic based on the subnet that the endpoint is on but it sees only the requests from its public IP address instead of each internal IP address. What must be done to resolve this issue?

A. Set up a Cisco Umbrella virtual appliance to internally field the requests and see the traffic of each IP address
B. Use the tenant control features to identify each subnet being used and track the connections within theCisco Umbrella dashboard
C. Install the Microsoft Active Directory Connector to give IP address information stitched to the requests in the Cisco Umbrella dashboard
D. Configure an internal domain within Cisco Umbrella to help identify each address and create policy from the domains

Answer: A

NEW QUESTION 128
- (Exam Topic 3)
Which kind of API that is used with Cisco DNA Center provisions SSIDs, QoS policies, and update software versions on switches?

A. Integration
B. Intent
C. Event
D. Multivendor

Answer: B

NEW QUESTION 131
- (Exam Topic 3)
Email security has become a high priority task for a security engineer at a large multi-national organization due to ongoing phishing campaigns. To help control this, the engineer has deployed an Incoming Content Filter with a URL reputation of (-10 00 to -6 00) on the Cisco ESA Which action will the system perform to disable any links in messages that match the filter?

A. Defang
B. Quarantine
C. FilterAction
D. ScreenAction

Answer: B

Explanation:
Reference: https://www.cisco.com/c/dam/en/us/products/collateral/security/esa-content-filters.pdf

NEW QUESTION 134
- (Exam Topic 3)
Refer to the exhibit. When creating an access rule for URL filtering, a network engineer adds certain categories and individual URLs to block. What is the result of the configuration?

A. Only URLs for botnets with reputation scores of 1-3 will be blocked.
B. Only URLs for botnets with a reputation score of 3 will be blocked.
C. Only URLs for botnets with reputation scores of 3-5 will be blocked.
D. Only URLs for botnets with a reputation score of 3 will be allowed while the rest will be blocked.

Answer: A

NEW QUESTION 139
- (Exam Topic 3)
Refer to the exhibit.

```
ntp authentication-key 10 md5 cisco123
ntp trusted-key 10
```

A network engineer is testing NTP authentication and realizes that any device synchronizes time with this router and that NTP authentication is not enforced What is the cause of this issue?

A. The key was configured in plain text.
B. NTP authentication is not enabled.
C. The hashing algorithm that was used was MD5. which is unsupported.
D. The router was not rebooted after the NTP configuration updated.

Answer: B

NEW QUESTION 140
- (Exam Topic 3)
Which two solutions help combat social engineering and phishing at the endpoint level? (Choose two.)

A. Cisco Umbrella
B. Cisco ISE
C. Cisco DNA Center
D. Cisco TrustSec
E. Cisco Duo Security

Answer: AE

NEW QUESTION 145
- (Exam Topic 3)
Refer to the exhibit.

```
interface GigabitEthernet1/0/18
switchport access vlan 41
switchport mode access
switchport voice vlan 44
device-tracking attach-policy IPDT_MAX_10
authentication periodic
authentication timer reauthenticate server
access-session host-mode multi-domain
access-session port-control auto
dot1x pae authenticator
dot1x timeout tx-period 7
dot1x max-reauth-req 3
spanning-tree portfast
```

A Cisco ISE administrator adds a new switch to an 802.1X deployment and has difficulty with some endpoints gaining access.
Most PCs and IP phones can connect and authenticate using their machine certificate credentials. However printer and video cameras cannot base d on the

interface configuration provided, what must be to get these devices on to the network using Cisco ISE for authentication and authorization while maintaining security controls?

A. Change the default policy in Cisco ISE to allow all devices not using machine authentication .
B. Enable insecure protocols within Cisco ISE in the allowed protocols configuration.
C. Configure authentication event fail retry 2 action authorize vlan 41 on the interface
D. Add mab to the interface configuration.

Answer: D

NEW QUESTION 146
- (Exam Topic 3)
Refer to the exhibit.

```
import requests

client_id = 'a1b2c3d4e5f6g7h8i9j0'

api_key = 'a1b2c3d4-e5f6-g7h8-i9j0-k1l2m3n4o5p6'
```

What function does the API key perform while working with https://api.amp.cisco.com/v1/computers?

A. imports requests
B. HTTP authorization
C. HTTP authentication
D. plays dent ID

Answer: C

NEW QUESTION 151
- (Exam Topic 3)
An administrator configures a new destination list in Cisco Umbrella so that the organization can block specific domains for its devices. What should be done to ensure that all subdomains of domain.com are blocked?

A. Configure the *.com address in the block list.
B. Configure the *.domain.com address in the block list
C. Configure the *.domain.com address in the block list
D. Configure the domain.com address in the block list

Answer: C

NEW QUESTION 155
- (Exam Topic 3)
Which configuration method provides the options to prevent physical and virtual endpoint devices that are in the same base EPG or uSeg from being able to communicate with each other with Vmware VDS or Microsoft vSwitch?

A. inter-EPG isolation
B. inter-VLAN security
C. intra-EPG isolation
D. placement in separate EPGs

Answer: C

Explanation:
Intra-EPG Isolation is an option to prevent physical or virtual endpoint devices that are in the same base EPG or microsegmented (uSeg) EPG from communicating with each other. By default, endpoint devices included in the same EPG are allowed to communicate with one another.

NEW QUESTION 157
- (Exam Topic 3)
Which Cisco AMP feature allows an engineer to look back to trace past activities, such as file and process activity on an endpoint?

A. endpoint isolation
B. advanced search
C. advanced investigation
D. retrospective security

Answer: D

NEW QUESTION 161
- (Exam Topic 3)
A customer has various external HTTP resources available including Intranet Extranet and Internet, with a proxy configuration running in explicit mode. Which method allows the client desktop browsers to be
configured
to select when to connect direct or when to use the proxy?

A. Transport mode
B. Forward file
C. PAC file
D. Bridge mode

Answer: C

Explanation:
A Proxy Auto-Configuration (PAC) file is a JavaScript function definition that determines whether web browserrequests (HTTP, HTTPS, and FTP) go direct to the destination or are forwarded to a web proxy server.PAC files are used to support explicit proxy deployments in which client browsers are explicitly configured tosend traffic to the web proxy. The big advantage of PAC files is that they are usually relatively easy to createand maintain.

NEW QUESTION 166
- (Exam Topic 3)
An administrator is configuring N I P on Cisco ASA via ASDM and needs to ensure that rogue NTP servers cannot insert themselves as the authoritative time source Which two steps must be taken to accomplish this task? (Choose two)

A. Specify the NTP version
B. Configure the NTP stratum
C. Set the authentication key
D. Choose the interface for syncing to the NTP server
E. Set the NTP DNS hostname

Answer: CD

NEW QUESTION 170
- (Exam Topic 3)
What is a feature of container orchestration?

A. ability to deploy Amazon ECS clusters by using the Cisco Container Platform data plane
B. ability to deploy Amazon EKS clusters by using the Cisco Container Platform data plane
C. ability to deploy Kubernetes clusters in air-gapped sites
D. automated daily updates

Answer: C

NEW QUESTION 171
- (Exam Topic 3)
What must be enabled to secure SaaS-based applications?

A. modular policy framework
B. two-factor authentication
C. application security gateway
D. end-to-end encryption

Answer: C

NEW QUESTION 174
- (Exam Topic 3)
A company recently discovered an attack propagating throughout their Windows network via a file named abc428565580xyz exe The malicious file was uploaded to a Simple Custom Detection list in the AMP for Endpoints Portal and the currently applied policy for the Windows clients was updated to reference the detection list Verification testing scans on known infected systems shows that AMP for Endpoints is not detecting the presence of this file as an indicator of compromise What must be performed to ensure detection of the malicious file?

A. Upload the malicious file to the Blocked Application Control List
B. Use an Advanced Custom Detection List instead of a Simple Custom Detection List
C. Check the box in the policy configuration to send the file to Cisco Threat Grid for dynamic analysis
D. Upload the SHA-256 hash for the file to the Simple Custom Detection List

Answer: D

NEW QUESTION 175
- (Exam Topic 3)
A small organization needs to reduce the VPN bandwidth load on their headend Cisco ASA in order to
ensure that bandwidth is available for VPN users needing access to corporate resources on the10.0.0.0/24 local HQ network. How is this accomplished without adding additional devices to the
network?

A. Use split tunneling to tunnel traffic for the 10.0.0.0/24 network only.
B. Configure VPN load balancing to distribute traffic for the 10.0.0.0/24 network,
C. Configure VPN load balancing to send non-corporate traffic straight to the internet.
D. Use split tunneling to tunnel all traffic except for the 10.0.0.0/24 network.

Answer: A

NEW QUESTION 180
- (Exam Topic 3)

An engineer is adding a Cisco router to an existing environment. NTP authentication is configured on all devices in the environment with the command ntp authentication-key 1 md5 Clsc427128380. There are two routers on the network that are configured as NTP servers for redundancy, 192.168.1.110 and 192.168.1.111. 192.168.1.110 is configured as the authoritative time source. What command must be configured on the new router to use 192.168.1.110 as its primary time source without the new router attempting to offer time to existing devices?

A. ntp server 192.168.1.110 primary key 1
B. ntp peer 192.168.1.110 prefer key 1
C. ntp server 192.168.1.110 key 1 prefer
D. ntp peer 192.168.1.110 key 1 primary

Answer: A

NEW QUESTION 182
- (Exam Topic 3)
Why should organizations migrate to a multifactor authentication strategy?

A. Multifactor authentication methods of authentication are never compromised
B. Biometrics authentication leads to the need for multifactor authentication due to its ability to be hacked easily
C. Multifactor authentication does not require any piece of evidence for an authentication mechanism
D. Single methods of authentication can be compromised more easily than multifactor authentication

Answer: D

NEW QUESTION 187
- (Exam Topic 3)
What is an advantage of network telemetry over SNMP pulls?

A. accuracy
B. encapsulation
C. security
D. scalability

Answer: D

NEW QUESTION 190
- (Exam Topic 3)
Which technology enables integration between Cisco ISE and other platforms to gather and share network and vulnerability data and SIEM and location information?

A. pxGrid
B. NetFlow
C. SNMP
D. Cisco Talos

Answer: A

NEW QUESTION 194
- (Exam Topic 3)
Refer to the exhibit.

```
crypto ikev2 name-mangler MANGLER
 dn organization-unit
```

An engineer is implementing a certificate based VPN. What is the result of the existing configuration?

A. The OU of the IKEv2 peer certificate is used as the identity when matching an IKEv2 authorization policy.
B. Only an IKEv2 peer that has an OU certificate attribute set to MANGLER establishes an IKEv2 SA successfully
C. The OU of the IKEv2 peer certificate is encrypted when the OU is set to MANGLER
D. The OU of the IKEv2 peer certificate is set to MANGLER

Answer: A

NEW QUESTION 196
- (Exam Topic 3)
What are two features of NetFlow flow monitoring? (Choose two)

A. Can track ingress and egress information
B. Include the flow record and the flow importer
C. Copies all ingress flow information to an interface
D. Does not required packet sampling on interfaces
E. Can be used to track multicast, MPLS, or bridged traffic

Answer: AE

Explanation:
Reference:

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/netflow/configuration/15-mt/nf-15-mt-book/cfgmpls-netflow

NEW QUESTION 198
- (Exam Topic 3)
An engineer is configuring device-hardening on a router in order to prevent credentials from being seen if the router configuration was compromised. Which command should be used?

A. service password-encryption
B. username <username> privilege 15 password <password>
C. service password-recovery
D. username < username> password <password>

Answer: A

NEW QUESTION 200
- (Exam Topic 3)
Which feature must be configured before implementing NetFlow on a router?

A. SNMPv3
B. syslog
C. VRF
D. IP routing

Answer: D

NEW QUESTION 202
- (Exam Topic 3)
What is the most commonly used protocol for network telemetry?

A. SMTP
B. SNMP
C. TFTP
D. NctFlow

Answer: D

NEW QUESTION 204
- (Exam Topic 3)
Which ESA implementation method segregates inbound and outbound email?

A. one listener on a single physical Interface
B. pair of logical listeners on a single physical interface with two unique logical IPv4 addresses and one IPv6 address
C. pair of logical IPv4 listeners and a pair Of IPv6 listeners on two physically separate interfaces
D. one listener on one logical IPv4 address on a single logical interface

Answer: D

NEW QUESTION 206
- (Exam Topic 3)
How does Cisco AMP for Endpoints provide next-generation protection?

A. It encrypts data on user endpoints to protect against ransomware.
B. It leverages an endpoint protection platform and endpoint detection and response.
C. It utilizes Cisco pxGrid, which allows Cisco AMP to pull threat feeds from threat intelligence centers.
D. It integrates with Cisco FTD devices.

Answer: B

NEW QUESTION 210
- (Exam Topic 3)
Which security product enables administrators to deploy Kubernetes clusters in air-gapped sites without needing Internet access?

A. Cisco Content Platform
B. Cisco Container Controller
C. Cisco Container Platform
D. Cisco Cloud Platform

Answer: C

NEW QUESTION 213
- (Exam Topic 2)
Refer to the exhibit.

```
Info: New SMTP ICID 30 interface Management (192.168.0.100)
   address 10.128.128.200 reverse dns host unknown verified no
Info: ICID 30 ACCEPT SG SUSPECTLIST match sbrs[none] SBRS None
Info: ICID 30 TLS success protocol TLSv1 cipher
   DHE-RSA-AES256-SHA
Info: SMTP Auth: (ICID 30) succeeded for user: cisco using
   AUTH mechanism: LOGIN with profile: ldap_smtp
Info: MID 80 matched all recipients for per-recipient policy
   DEFAULT in the outbound table
```

Which type of authentication is in use?

A. LDAP authentication for Microsoft Outlook
B. POP3 authentication
C. SMTP relay server authentication
D. external user and relay mail authentication

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/en/us/support/docs/security/email-security-appliance/118844-technoteesa-00.htmlThe exhibit in this Qshows a successful TLS connection from the remote host (reception) in the mail log.

NEW QUESTION 215
- (Exam Topic 2)
Refer to the exhibit.

```
import requests
client_id = '<Client id>'
api_key = '<API Key>'
url = 'https://api.amp.cisco.com/v1/computers'
response = requests.get(url, auth=(client_id, api_key))
response_json = response.json()
for computer in response_json['data']
   hostname = computer['hostname']
   print(hostname)
```

What will happen when the Python script is executed?

A. The hostname will be translated to an IP address and printed.
B. The hostname will be printed for the client in the client ID field.
C. The script will pull all computer hostnames and print them.
D. The script will translate the IP address to FODN and print it

Answer: C

NEW QUESTION 220
- (Exam Topic 2)
A network administrator needs to find out what assets currently exist on the network. Third-party systems need to be able to feed host data into Cisco Firepower. What must be configured to accomplish this?

A. a Network Discovery policy to receive data from the host
B. a Threat Intelligence policy to download the data from the host
C. a File Analysis policy to send file data into Cisco Firepower
D. a Network Analysis policy to receive NetFlow data from the host

Answer: A

Explanation:
You can configure discovery rules to tailor the discovery of host and application data to your needs.The Firepower System can use data from NetFlow exporters to generate connection and discovery events, and to add host and application data to the network map.A network analysis policy governs how traffic is decoded and preprocessed so it can be further evaluated, especially for anomalous traffic that might signal an intrusion attempt -> Answer D is not correct.

NEW QUESTION 221
- (Exam Topic 2)
An engineer is configuring 802.1X authentication on Cisco switches in the network and is using CoA as a mechanism. Which port on the firewall must be opened to allow the CoA traffic to traverse the network?

A. TCP 6514
B. UDP 1700
C. TCP 49
D. UDP 1812

Answer: B

Explanation:

CoA Messages are sent on two different udp ports depending on the platform. Cisco standardizes on UDP port1700, while the actual RFC calls out using UDP port 3799.

NEW QUESTION 226
- (Exam Topic 2)
What are two functions of secret key cryptography? (Choose two)

A. key selection without integer factorization
B. utilization of different keys for encryption and decryption
C. utilization of large prime number iterations
D. provides the capability to only know the key on one side
E. utilization of less memory

Answer: BD

NEW QUESTION 228
- (Exam Topic 2)
Refer to the exhibit.

```
> show crypto ipsec sa
interface: Outside
    Crypto map tag: CSM_Outside_map, seq num: 1, local addr:
209.165.200.225

      access-list CSM_IPSEC_ACL_1 extended permit ip 10.0.11.0
255.255.255.0 10.0.10.0 255.255.255.0
      local ident (addr/mask/prot/port): (10.0.11.0/255.255.255.0/0/0)
      remote ident (addr/mask/prot/port): (10.0.10.0/255.255.255.0/0/0)
      current_peer: 209.165.202.129


      #pkts encaps: 0, #pkts encrypt: 0, #pkts digest: 0
      #pkts decaps: 17, #pkts decrypt: 17, #pkts verify: 17
      #pkts compressed: 0, #pkts decompressed: 0
      #pkts not compressed: 0, #pkts comp failed: 0, #pkts decomp
failed: 0
      #pre-frag successes: 0, #pre-frag failures: 0, #fragments
created: 0
      #PMTUs sent: 0, #PMTUs rcvd: 0, #decapsulated frgs needing
reassembly: 0
      #TFC rcvd: 0, #TFC sent: 0
      #Valid ICMP Errors rcvd: 0, #Invalid ICMP Errors rcvd: 0
      #send errors: 0, #recv errors: 0

      local crypto endpt.: 209.165.200.225/500, remote crypto endpt.:
209.165.202.129/500
      path mtu 1500, ipsec overhead 55(36), media mtu 1500
      PMTU time remaining (sec): 0, DF policy: copy-df
      ICMP error validation: disabled, TFC packets: disabled
      current outbound spi: B6F5EA53
      current inbound spi : 84348DEE
```

Traffic is not passing through IPsec site-to-site VPN on the Firepower Threat Defense appliance. What is causing this issue?

A. No split-tunnel policy is defined on the Firepower Threat Defense appliance.
B. The access control policy is not allowing VPN traffic in.
C. Site-to-site VPN peers are using different encryption algorithms.
D. Site-to-site VPN preshared keys are mismatched.

Answer: A

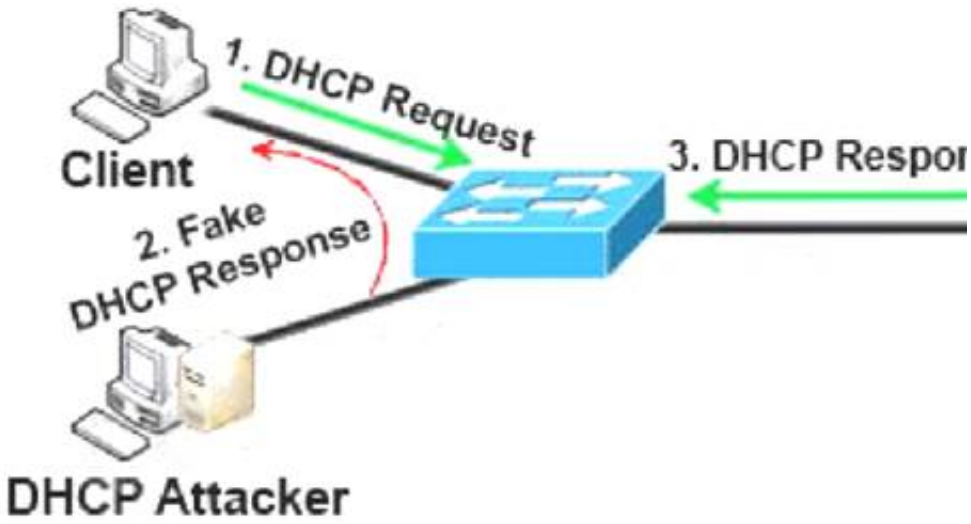
Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/security-vpn/ipsec-negotiation-ike-protocols/215470- site-to-site-vpn-configuration-on-ftd-ma.html

NEW QUESTION 231
- (Exam Topic 2)
An administrator is configuring a DHCP server to better secure their environment. They need to be able to ratelimit the traffic and ensure that legitimate requests are not dropped. How would this be accomplished?

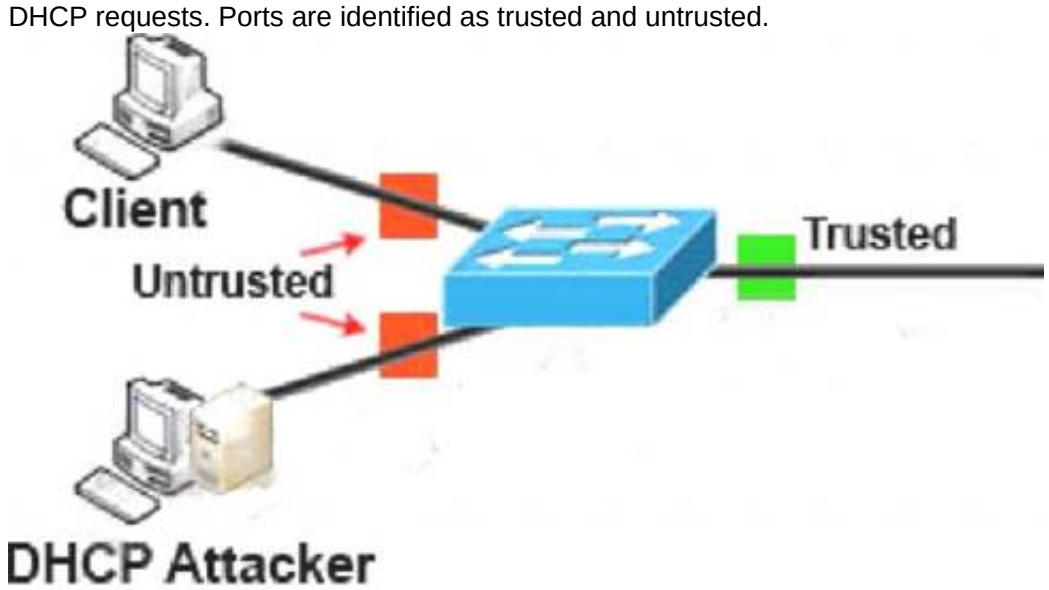
A. Set a trusted interface for the DHCP server
B. Set the DHCP snooping bit to 1
C. Add entries in the DHCP snooping database
D. Enable ARP inspection for the required VLAN

Answer: A

Explanation:
To understand DHCP snooping we need to learn about DHCP spoofing attack first.



DHCP spoofing is a type of attack in that the attacker listens for DHCP Requests from clients and answers them with fake DHCP Response before the authorized DHCP Response comes to the clients. The fake DHCP Response often gives its IP address as the client default gateway -> all the traffic sent from the client will go through the attacker computer, the attacker becomes a “man-in-the-middle”.The attacker can have some ways to make sure its fake DHCP Response arrives first. In fact, if the attacker is “closer” than the DHCP Server then he doesn’t need to do anything. Or he can DoS the DHCP Server so that it can’t send the DHCP Response.DHCP snooping can prevent DHCP spoofing attacks. DHCP snooping is a Cisco Catalyst feature thatdetermines which switch ports can respond to DHCP requests. Ports are identified as trusted and untrusted.



Only ports that connect to an authorized DHCP server are trusted, and allowed to send all types of DHCPmessages. All other ports on the switch are untrusted and can send only DHCP requests. If a DHCP responseis seen on an untrusted port, the port is shut down.

NEW QUESTION 235
- (Exam Topic 2)
A switch with Dynamic ARP Inspection enabled has received a spoofed ARP response on a trusted interface. How does the switch behave in this situation?

A. It forwards the packet after validation by using the MAC Binding Table.
B. It drops the packet after validation by using the IP & MAC Binding Table.
C. It forwards the packet without validation.
D. It drops the packet without validation.

Answer: B

NEW QUESTION 236
- (Exam Topic 2)
What is the function of SDN southbound API protocols?

A. to allow for the dynamic configuration of control plane applications
B. to enable the controller to make changes
C. to enable the controller to use REST
D. to allow for the static configuration of control plane applications

Answer: B

Explanation:
Reference: https://www.ciscopress.com/articles/article.asp?p=3004581&seqNum=2
Note: Southbound APIs helps us communicate with data plane (not control plane) applications

NEW QUESTION 237
- (Exam Topic 2)
Refer to the exhibit.

```
import requests
url = https://api.amp.cisco.com/v1/computers
headers = {
    'accept' : application/json
    'content-type' : application/json
    'authorization' : Basic API Credentials
    'cache-control' : "no cache"
}
response = requests.request ("GET", url, headers = headers)
print (response.txt)
```

What will happen when this Python script is run?

A. The compromised computers and malware trajectories will be received from Cisco AMP
B. The list of computers and their current vulnerabilities will be received from Cisco AMP
C. The compromised computers and what compromised them will be received from Cisco AMP
D. The list of computers, policies, and connector statuses will be received from Cisco AMP

Answer: D

Explanation:
Reference:
https://api-docs.amp.cisco.com/api_actions/details?api_action=GET+%2Fv1%2Fcomputers&api_host=api.apjc.

NEW QUESTION 238
- (Exam Topic 2)
In which type of attack does the attacker insert their machine between two hosts that are communicating with each other?

A. LDAP injection
B. man-in-the-middle
C. cross-site scripting
D. insecure API

Answer: B

NEW QUESTION 241
- (Exam Topic 2)
Drag and drop the suspicious patterns for the Cisco Tetration platform from the left onto the correct definitions on the right.

privilege escalation	Tetration platform learns the normal behavior of users.
user login suspicious behavior	Tetration platform is armed to look at sensitive files.
interesting file access	Tetration platform watches user access failures and methods
file access from a different user	Tetration platform watches for movement in the process lineage tree.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/en/us/products/collateral/data-center-analytics/tetration-analytics/whitepaper-c11-7403

NEW QUESTION 242
- (Exam Topic 2)
What does Cisco AMP for Endpoints use to help an organization detect different families of malware?

A. Ethos Engine to perform fuzzy fingerprinting
B. Tetra Engine to detect malware when me endpoint is connected to the cloud
C. Clam AV Engine to perform email scanning
D. Spero Engine with machine learning to perform dynamic analysis

Answer: A

Explanation:
Reference: https://docs.amp.cisco.com/AMP%20for%20Endpoints%20User%20Guide.pdfETHOS = Fuzzy Fingerprinting using static/passive heuristics
Reference: https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2016/pdf/BRKSEC-2139.pdf

NEW QUESTION 245
- (Exam Topic 2)
Which method is used to deploy certificates and configure the supplicant on mobile devices to gain access to network resources?

A. BYOD on boarding
B. Simple Certificate Enrollment Protocol
C. Client provisioning
D. MAC authentication bypass

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_ise_devices_by

NEW QUESTION 248
- (Exam Topic 2)
Which public cloud provider supports the Cisco Next Generation Firewall Virtual?

A. Google Cloud Platform
B. Red Hat Enterprise Visualization
C. VMware ESXi
D. Amazon Web Services

Answer: D

Explanation:
Reference:
https://www.cisco.com/c/en/us/products/collateral/security/adaptive-security-virtual-appliance-asav/ white-paper-c11-740505.html

NEW QUESTION 250
- (Exam Topic 2)
An administrator is trying to determine which applications are being used in the network but does not want the network devices to send metadata to Cisco Firepower. Which feature should be used to accomplish this?

A. NetFlow
B. Packet Tracer
C. Network Discovery
D. Access Control

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/en/us/solutions/collateral/enterprise-networks/enterprise-network-security/white-paper

NEW QUESTION 253
- (Exam Topic 2)
An attacker needs to perform reconnaissance on a target system to help gain access to it. The system has weak passwords, no encryption on the VPN links, and software bugs on the system's applications. Which
vulnerability allows the attacker to see the passwords being transmitted in clear text?

A. weak passwords for authentication
B. unencrypted links for traffic
C. software bugs on applications
D. improper file security

Answer: B

NEW QUESTION 257
- (Exam Topic 2)
An organization has a Cisco ESA set up with policies and would like to customize the action assigned for violations. The organization wants a copy of the message to be delivered with a message added to flag it as a DLP violation. Which actions must be performed in order to provide this capability?

A. deliver and send copies to other recipients
B. quarantine and send a DLP violation notification
C. quarantine and alter the subject header with a DLP violation
D. deliver and add disclaimer text

Answer: D

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/esa/esa12-0/user_guide/b_ESA_Admin_Guide_12_0/b_ESA_A

NEW QUESTION 259

- (Exam Topic 2)
After a recent breach, an organization determined that phishing was used to gain initial access to the network before regaining persistence. The information gained from the phishing attack was a result of users visiting known malicious websites. What must be done in order to prevent this from happening in the future?

A. Modify an access policy
B. Modify identification profiles
C. Modify outbound malware scanning policies
D. Modify web proxy settings

Answer: D

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-config-guidev60/Access

NEW QUESTION 264
- (Exam Topic 2)
What must be configured in Cisco ISE to enforce reauthentication of an endpoint session when an endpoint is deleted from an identity group?

A. posture assessment
B. CoA
C. external identity source
D. SNMP probe

Answer: B

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin_guide/b_ise_admin_guide_13/b_ise_admin_guide

NEW QUESTION 269
- (Exam Topic 2)
An organization recently installed a Cisco WSA and would like to take advantage of the AVC engine to allow the organization to create a policy to control application specific activity. After enabling the AVC engine, what must be done to implement this?

A. Use security services to configure the traffic monitor, .
B. Use URL categorization to prevent the application traffic.
C. Use an access policy group to configure application control settings.
D. Use web security reporting to validate engine functionality

Answer: C

Explanation:
The Application Visibility and Control (AVC) engine lets you create policies to control application activity on the network without having to fully understand the underlying technology of each application. You can configure application control settings in Access Policy groups. You can block or allow applications individually or according to application type. You can also apply controls to particular application types.

NEW QUESTION 271
- (Exam Topic 2)
An engineer has enabled LDAP accept queries on a listener. Malicious actors must be prevented from quickly identifying all valid recipients. What must be done on the Cisco ESA to accomplish this goal?

A. Configure incoming content filters
B. Use Bounce Verification
C. Configure Directory Harvest Attack Prevention
D. Bypass LDAP access queries in the recipient access table

Answer: C

Explanation:
A Directory Harvest Attack (DHA) is a technique used by spammers to find valid/existent email addresses at a domain either by using Brute force or by guessing valid e-mail addresses at a domain using differentpermutations of common username. Its easy for attackers to get hold of a valid email address if yourorganization uses standard format for official e-mail alias (for example: jsmith@example.com). We canconfigure DHA Prevention to prevent malicious actors from quickly identifying valid recipients.Note: Lightweight Directory Access Protocol (LDAP) is an Internet protocol that email programs use to look up contact information from a server, such as ClickMail Central Directory. For example, here's an LDAP search translated into plain English: "Search for all people located in Chicago who's name contains "Fred" that have an email address. Please return their full name, email, title, and description.

NEW QUESTION 276
- (Exam Topic 2)
What is an attribute of the DevSecOps process?

A. mandated security controls and check lists
B. security scanning and theoretical vulnerabilities
C. development security
D. isolated security team

Answer: C

Explanation:

DevSecOps (development, security, and operations) is a concept used in recent years to describe how to movesecurity activities to the start of the development life cycle and have built-in security practices in the continuousintegration/continuous deployment (CI/CD) pipeline. Thus minimizing vulnerabilities and bringing security closerto IT and business objectives.Three key things make a real DevSecOps environment:+ Security testing is done by the development team.+ Issues found during that testing is managed by the development team.+ Fixing those issues stays within the development team.

NEW QUESTION 281
- (Exam Topic 2)
What are two DDoS attack categories? (Choose two)

A. sequential
B. protocol
C. database
D. volume-based
E. screen-based

Answer: BD

Explanation:
There are three basic categories of attack:+ volume-based attacks, which use high traffic to inundate the network bandwidth+ protocol attacks, which focus on exploiting server resources+ application attacks, which focus on web applications and are considered the most sophisticated and serious type of attacks
Reference: https://www.esecurityplanet.com/networks/types-of-ddos-attacks/

NEW QUESTION 286
- (Exam Topic 2)
A network engineer is deciding whether to use stateful or stateless failover when configuring two ASAs for high availability. What is the connection status in both cases?

A. need to be reestablished with stateful failover and preserved with stateless failover
B. preserved with stateful failover and need to be reestablished with stateless failover
C. preserved with both stateful and stateless failover
D. need to be reestablished with both stateful and stateless failover

Answer: B

NEW QUESTION 289
- (Exam Topic 2)
In which situation should an Endpoint Detection and Response solution be chosen versus an Endpoint Protection Platform?

A. when there is a need for traditional anti-malware detection
B. when there is no need to have the solution centrally managed
C. when there is no firewall on the network
D. when there is a need to have more advanced detection capabilities

Answer: D

Explanation:
Endpoint protection platforms (EPP) prevent endpoint security threats like known and unknown malware.Endpoint detection and response (EDR) solutions can detect and respond to threats that your EPP and other security tools did not catch.EDR and EPP have similar goals but are designed to fulfill different purposes. EPP is designed to providedevice-level protection by identifying malicious files, detecting potentially malicious activity, and providing tools for incident investigation and response.The preventative nature of EPP complements proactive EDR. EPP acts as the first line of defense, filtering out attacks that can be detected by the organization’s deployed security solutions. EDR acts as a second layer of protection, enabling security analysts to perform threat hunting and identify more subtle threats to the endpoint.Effective endpoint defense requires a solution that integrates the capabilities of both EDR and EPP to provide protection against cyber threats without overwhelming an organization’s security team.

NEW QUESTION 291
- (Exam Topic 2)
An organization has two systems in their DMZ that have an unencrypted link between them for communication.
The organization does not have a defined password policy and uses several default accounts on the systems. The application used on those systems also have not gone through stringent code reviews. Which vulnerability would help an attacker brute force their way into the systems?

A. weak passwords
B. lack of input validation
C. missing encryption
D. lack of file permission

Answer: C

Explanation:
Reference: https://tools.ietf.org/html/rfc3954

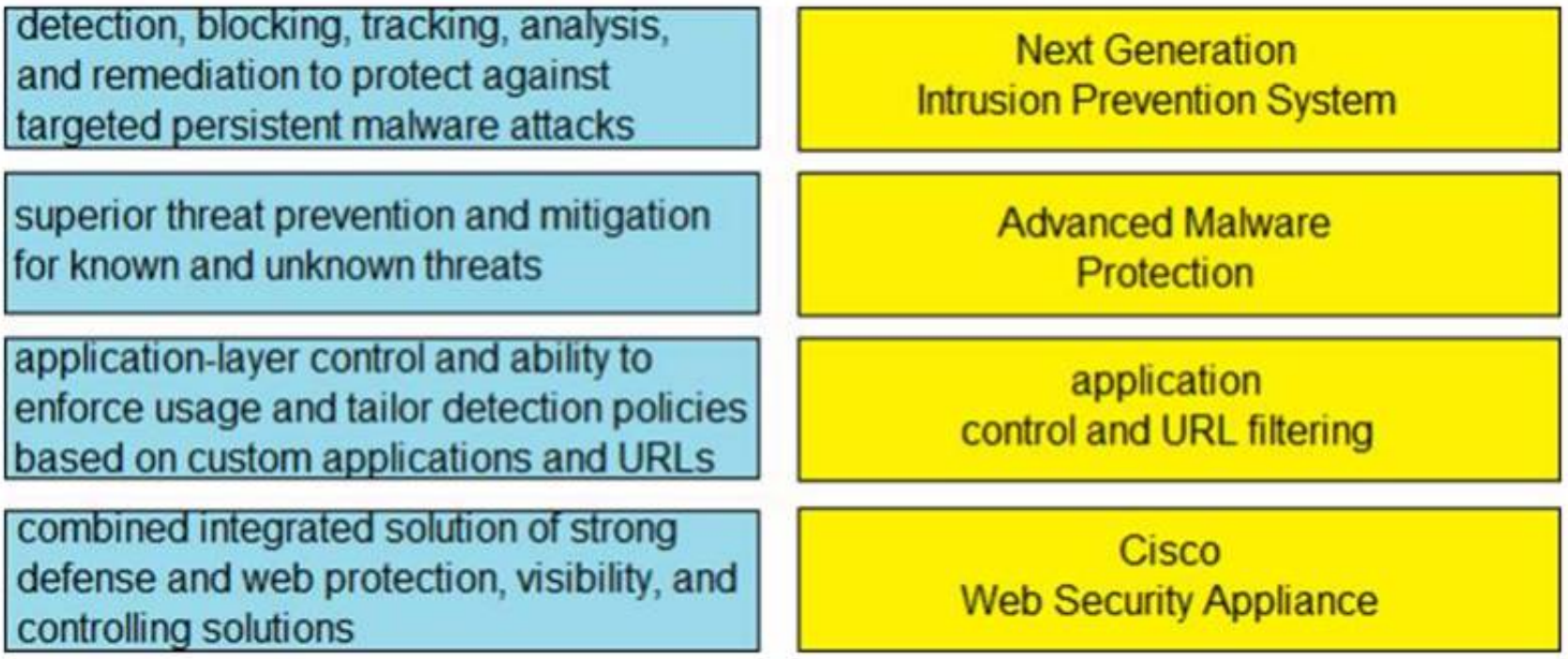
NEW QUESTION 293
- (Exam Topic 2)
Which suspicious pattern enables the Cisco Tetration platform to learn the normal behavior of users?

A. file access from a different user
B. interesting file access
C. user login suspicious behavior
D. privilege escalation

Answer: C

Explanation:
Reference:
https://www.cisco.com/c/en/us/products/collateral/data-center-analytics/tetration-analytics/whitepaper-c11-7403

NEW QUESTION 296
- (Exam Topic 2)
Drag and drop the capabilities from the left onto the correct technologies on the right.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text, chat or text message Description automatically generated

NEW QUESTION 298
- (Exam Topic 1)
Which two descriptions of AES encryption are true? (Choose two)

A. AES is less secure than 3DES.
B. AES is more secure than 3DES.
C. AES can use a 168-bit key for encryption.
D. AES can use a 256-bit key for encryption.
E. AES encrypts and decrypts a key three times in sequence.

Answer: BD

NEW QUESTION 303
- (Exam Topic 1)
What is a commonality between DMVPN and FlexVPN technologies?

A. FlexVPN and DMVPN use IS-IS routing protocol to communicate with spokes
B. FlexVPN and DMVPN use the new key management protocol
C. FlexVPN and DMVPN use the same hashing algorithms
D. IOS routers run the same NHRP code for DMVPN and FlexVPN

Answer: D

Explanation:
Reference: https://packetpushers.net/cisco-flexvpn-dmvpn-high-level-design/

NEW QUESTION 305
- (Exam Topic 1)
What are the two most commonly used authentication factors in multifactor authentication? (Choose two)

A. biometric factor
B. time factor
C. confidentiality factor
D. knowledge factor
E. encryption factor

Answer: AD

Explanation:

Reference: https://www.cisco.com/c/en/us/products/security/what-is-multi-factor-authentication.htmlThe two most popular authentication factors are knowledge and inherent (including biometrics like fingerprint,face, and retina scans. Biometrics is used commonly in mobile devices).

NEW QUESTION 309
- (Exam Topic 1)
Which two features of Cisco DNA Center are used in a Software Defined Network solution? (Choose two)

A. accounting
B. assurance
C. automation
D. authentication
E. encryption

Answer: BC

Explanation:
Reference: https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/dna-center/nb-06- cisco-dna-center-aag-cte-en.html

NEW QUESTION 310
- (Exam Topic 1)
Which Cisco command enables authentication, authorization, and accounting globally so that CoA is supported on the device?

A. aaa server radius dynamic-author
B. aaa new-model
C. auth-type all
D. ip device-tracking

Answer: D

NEW QUESTION 313
- (Exam Topic 1)
What is a required prerequisite to enable malware file scanning for the Secure Internet Gateway?

A. Enable IP Layer enforcement.
B. Activate the Advanced Malware Protection license
C. Activate SSL decryption.
D. Enable Intelligent Proxy.

Answer: D

NEW QUESTION 318
- (Exam Topic 1)
Which policy represents a shared set of features or parameters that define the aspects of a managed device that are likely to be similar to other managed devices in a deployment?

A. Group Policy
B. Access Control Policy
C. Device Management Policy
D. Platform Service Policy

Answer: D

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/firepower/620/configuration/guide/fpmc-configguide-v62/platfo the answer should be “Platform Settings Policy”, not “Platform Service Policy” but it is the bestanswer here so we have to choose it.

NEW QUESTION 320
- (Exam Topic 1)
Which Cisco product provides proactive endpoint protection and allows administrators to centrally manage the deployment?

A. NGFW
B. AMP
C. WSA
D. ESA

Answer: B

NEW QUESTION 324
- (Exam Topic 1)
Which two key and block sizes are valid for AES? (Choose two)

A. 64-bit block size, 112-bit key length
B. 64-bit block size, 168-bit key length
C. 128-bit block size, 192-bit key length
D. 128-bit block size, 256-bit key length
E. 192-bit block size, 256-bit key length

Answer: CD

Explanation:
The AES encryption algorithm encrypts and decrypts data in blocks of 128 bits (block size). It can do this using 128-bit, 192-bit, or 256-bit keys

NEW QUESTION 327
- (Exam Topic 1)
Which Cisco Advanced Malware protection for Endpoints deployment architecture is designed to keep data within a network perimeter?

A. cloud web services
B. network AMP
C. private cloud
D. public cloud

Answer: C

NEW QUESTION 331
- (Exam Topic 1)
An organization is trying to improve their Defense in Depth by blocking malicious destinations prior to a connection being established. The solution must be able to block certain applications from being used within the network. Which product should be used to accomplish this goal?

A. Cisco Firepower
B. Cisco Umbrella
C. ISE
D. AMP

Answer: B

Explanation:
Cisco Umbrella protects users from accessing malicious domains by proactively analyzing and blocking unsafe destinations – before a connection is ever made. Thus it can protect from phishing attacks by blocking suspicious domains when users click on the given links that an attacker sent.

NEW QUESTION 332
- (Exam Topic 1)
What is the function of the Context Directory Agent?

A. maintains users' group memberships
B. relays user authentication requests from Web Security Appliance to Active Directory
C. reads the Active Directory logs to map IP addresses to usernames
D. accepts user authentication requests on behalf of Web Security Appliance for user identification

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/ibf/cda_10/Install_Config_guide/cda10/cda_oveviw.html

NEW QUESTION 337
- (Exam Topic 1)
An engineer configured a new network identity in Cisco Umbrella but must verify that traffic is being routed through the Cisco Umbrella network. Which action tests the routing?

A. Ensure that the client computers are pointing to the on-premises DNS servers.
B. Enable the Intelligent Proxy to validate that traffic is being routed correctly.
C. Add the public IP address that the client computers are behind to a Core Identity.
D. Browse to http://welcome.umbrella.com/ to validate that the new identity is working.

Answer: B

NEW QUESTION 339
- (Exam Topic 1)
What are two rootkit types? (Choose two)

A. registry
B. virtual
C. bootloader
D. user mode
E. buffer mode

Answer: CD

Explanation:
The term 'rootkit' originally comes from the Unix world, where the word 'root' is used to describe a user with thehighest possible level of access privileges, similar to an 'Administrator' in Windows. The word 'kit' refers to thesoftware that grants root-level access to the machine. Put the two together and you get 'rootkit', a program thatgives someone – with legitimate or malicious intentions – privileged access to a computer.There are four main types of rootkits: Kernel rootkits, User mode rootkits, Bootloader rootkits, Memory rootkits

NEW QUESTION 340
- (Exam Topic 1)
An engineer is configuring AMP for endpoints and wants to block certain files from executing. Which outbreak control method is used to accomplish this task?

A. device flow correlation
B. simple detections
C. application blocking list
D. advanced custom detections

Answer: C

NEW QUESTION 344
- (Exam Topic 1)
What is a characteristic of traffic storm control behavior?

A. Traffic storm control drops all broadcast and multicast traffic if the combined traffic exceeds the level within the interval.
B. Traffic storm control cannot determine if the packet is unicast or broadcast.
C. Traffic storm control monitors incoming traffic levels over a 10-second traffic storm control interval.
D. Traffic storm control uses the Individual/Group bit in the packet source address to determine if the packet is unicast or broadcast.

Answer: A

NEW QUESTION 348
- (Exam Topic 1)
Which exfiltration method does an attacker use to hide and encode data inside DNS requests and queries?

A. DNS tunneling
B. DNSCrypt
C. DNS security
D. DNSSEC

Answer: A

Explanation:
DNS Tunneling is a method of cyber attack that encodes the data of other programs or protocols in DNSqueries and responses. DNS tunneling often includes data payloads that can be added to an attacked DNSserver and used to control a remote server and applications.

NEW QUESTION 353
- (Exam Topic 1)
An MDM provides which two advantages to an organization with regards to device management? (Choose two)

A. asset inventory management
B. allowed application management
C. Active Directory group policy management
D. network device management
E. critical device management

Answer: AB

NEW QUESTION 355
- (Exam Topic 1)
Which information is required when adding a device to Firepower Management Center?

A. username and password
B. encryption method
C. device serial number
D. registration key

Answer: D

NEW QUESTION 356
- (Exam Topic 1)
Which two characteristics of messenger protocols make data exfiltration difficult to detect and prevent? (Choose two)

A. Outgoing traffic is allowed so users can communicate with outside organizations.
B. Malware infects the messenger application on the user endpoint to send company data.
C. Traffic is encrypted, which prevents visibility on firewalls and IPS systems.
D. An exposed API for the messaging platform is used to send large amounts of data.
E. Messenger applications cannot be segmented with standard network controls

Answer: CE

NEW QUESTION 361
- (Exam Topic 1)
Which policy is used to capture host information on the Cisco Firepower Next Generation Intrusion Prevention System?

A. Correlation
B. Intrusion
C. Access Control
D. Network Discovery

Answer: D

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-configguide-v64/introd

NEW QUESTION 363
- (Exam Topic 1)
Which feature is configured for managed devices in the device platform settings of the Firepower Management Center?

A. quality of service
B. time synchronization
C. network address translations
D. intrusion policy

Answer: B

NEW QUESTION 366
- (Exam Topic 1)
Which two fields are defined in the NetFlow flow? (Choose two)

A. type of service byte
B. class of service bits
C. Layer 4 protocol type
D. destination port
E. output logical interface

Answer: AD

Explanation:
Cisco standard NetFlow version 5 defines a flow as a unidirectional sequence of packets that all share seven values which define a unique key for the flow:+ Ingress interface (SNMP ifIndex)+ Source IP address+ Destination IP address+ IP protocol+ Source port for UDP or TCP, 0 for other protocols+ Destination port for UDP or TCP, type and code for ICMP, or 0 for other protocols+ IP Type of ServiceNote: A flow is a unidirectional series of packets between a given source and destination.

NEW QUESTION 368
- (Exam Topic 1)
Which function is the primary function of Cisco AMP threat Grid?

A. automated email encryption
B. applying a real-time URI blacklist
C. automated malware analysis
D. monitoring network traffic

Answer: C

NEW QUESTION 372
- (Exam Topic 1)
Which two mechanisms are used to control phishing attacks? (Choose two)

A. Enable browser alerts for fraudulent websites.
B. Define security group memberships.
C. Revoke expired CRL of the websites.
D. Use antispyware software.
E. Implement email filtering techniques.

Answer: AE

NEW QUESTION 375
- (Exam Topic 1)
Which Cisco AMP file disposition valid?

A. pristine
B. malware
C. dirty
D. non malicious

Answer: B

NEW QUESTION 380
- (Exam Topic 1)

Which PKI enrollment method allows the user to separate authentication and enrollment actions and also provides an option to specify HTTP/TFTP commands to perform file retrieval from the server?

A. url
B. terminal
C. profile
D. selfsigned

Answer: C

Explanation:
Reference:
https://www.cisco.com/c/en/us/support/docs/security-vpn/public-key-infrastructure-pki/211333-IOSPKI-Deploy

NEW QUESTION 382
- (Exam Topic 1)
Which statement describes a traffic profile on a Cisco Next Generation Intrusion Prevention System?

A. It allows traffic if it does not meet the profile.
B. It defines a traffic baseline for traffic anomaly deduction.
C. It inspects hosts that meet the profile with more intrusion rules.
D. It blocks traffic if it does not meet the profile.

Answer: B

NEW QUESTION 387
- (Exam Topic 1)
Which two statements about a Cisco WSA configured in Transparent mode are true? (Choose two)

A. It can handle explicit HTTP requests.
B. It requires a PAC file for the client web browser.
C. It requires a proxy for the client web browser.
D. WCCP v2-enabled devices can automatically redirect traffic destined to port 80.
E. Layer 4 switches can automatically redirect traffic destined to port 80.

Answer: DE

NEW QUESTION 391
- (Exam Topic 1)
What is a characteristic of Firepower NGIPS inline deployment mode?

A. ASA with Firepower module cannot be deployed.
B. It cannot take actions such as blocking traffic.
C. It is out-of-band from traffic.
D. It must have inline interface pairs configured.

Answer: D

NEW QUESTION 394
- (Exam Topic 1)
An engineer needs a solution for TACACS+ authentication and authorization for device administration. The engineer also wants to enhance wired and wireless network security by requiring users and endpoints to use 802.1X, MAB, or WebAuth. Which product meets all of these requirements?

A. Cisco Prime Infrastructure
B. Cisco Identity Services Engine
C. Cisco Stealthwatch
D. Cisco AMP for Endpoints

Answer: B

NEW QUESTION 396
- (Exam Topic 1)
What is a characteristic of a bridge group in ASA Firewall transparent mode?

A. It includes multiple interfaces and access rules between interfaces are customizable
B. It is a Layer 3 segment and includes one port and customizable access rules
C. It allows ARP traffic with a single access rule
D. It has an IP address on its BVI interface and is used for management traffic

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/asa/asa95/configuration/general/asa-95-generalconfig/intro-fw.h BVI interface is not used for management purpose. But we can add a separate Management slot/port interface that is not part of any bridge group, and that allows only management traffic to the ASA.

NEW QUESTION 399

- (Exam Topic 1)
Which two deployment modes does the Cisco ASA FirePower module support? (Choose two)

A. transparent mode
B. routed mode
C. inline mode
D. active mode
E. passive monitor-only mode

Answer: CD

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/asa/asa92/asdm72/firewall/asa-firewall-asdm/modules-sfr.html

NEW QUESTION 402
- (Exam Topic 1)
Which attack is commonly associated with C and C++ programming languages?

A. cross-site scripting
B. water holing
C. DDoS
D. buffer overflow

Answer: D

Explanation:

A buffer overflow (or buffer overrun) occurs when the volume of data exceeds the storage capacity of the memory buffer. As a result, the program attempting to write the data to the buffer overwrites adjacent memory locations.
Buffer overflow is a vulnerability in low level codes of C and C++. An attacker can cause the program to crash, make data corrupt, steal some private information or run his/her own code. It basically means to access any buffer outside of it's alloted memory space. This happens quite frequently in the case of arrays.

NEW QUESTION 405
- (Exam Topic 1)
Refer to the exhibit.

```
def add_device_to_dnac(dnac_ip, device_ip, snmp_version,
    snmp_ro_community, snmp_rw_community,
    snmp_retry, snmp_timeout,
    cli_transport, username, password, enable_password):
    device_object = {
        'ipAddress': [
            device_ip
        ],
       'type': 'NETWORK_DEVICE',
        'computeDevice': False,
        'snmpVersion': snmp_version,
        'snmpROCommunity': snmp_ro_community,
        'snmpRWCommunity': snmp_rw_community,
        'snmpRetry': snmp_retry,
        'snmpTimeout': snmp_timeout,
        'cliTransport': cli_transport,
        'userName': username,
        'password': password,
        'enablePassword': enable_password
    }
    response = requests.post(
        'https://{}/dna/intent/api/v1/network-
device'.format(dnac_ip),
        data=json.dumps(device_object),
        headers={
            'X-Auth-Token': '{}'.format(token),
      "      'Content-type': 'application/json'
        },
        verify=False
    )
    return response.json()
```

What is the result of this Python script of the Cisco DNA Center API?

A. adds authentication to a switch
B. adds a switch to Cisco DNA Center
C. receives information about a switch
D. deletes a switch from Cisco DNA Center

Answer: B

NEW QUESTION 410
- (Exam Topic 1)
How does Cisco Umbrella archive logs to an enterprise owned storage?

A. by using the Application Programming Interface to fetch the logs
B. by sending logs via syslog to an on-premises or cloud-based syslog server
C. by the system administrator downloading the logs from the Cisco Umbrella web portal
D. by being configured to send logs to a self-managed AWS S3 bucket

Answer: D

Explanation:
Reference: https://docs.umbrella.com/deployment-umbrella/docs/manage-logs

NEW QUESTION 414
- (Exam Topic 1)
Which statement about IOS zone-based firewalls is true?

A. An unassigned interface can communicate with assigned interfaces
B. Only one interface can be assigned to a zone.
C. An interface can be assigned to multiple zones.
D. An interface can be assigned only to one zone.

Answer: D

NEW QUESTION 417
- (Exam Topic 1)
Which two features are used to configure Cisco ESA with a multilayer approach to fight viruses and malware? (Choose two)

A. Sophos engine
B. white list
C. RAT
D. outbreak filters
E. DLP

Answer: AD

NEW QUESTION 422
- (Exam Topic 1)
Which threat involves software being used to gain unauthorized access to a computer system?

A. virus
B. NTP amplification
C. ping of death
D. HTTP flood

Answer: A

NEW QUESTION 426
- (Exam Topic 1)
Which capability is exclusive to a Cisco AMP public cloud instance as compared to a private cloud instance?

A. RBAC
B. ETHOS detection engine
C. SPERO detection engine
D. TETRA detection engine

Answer: B

NEW QUESTION 430
- (Exam Topic 1)
What is a language format designed to exchange threat intelligence that can be transported over the TAXII protocol?

A. STIX
B. XMPP
C. pxGrid
D. SMTP

Answer: A

Explanation:

TAXII (Trusted Automated Exchange of Indicator Information) is a standard that provides a transport

NEW QUESTION 431
- (Exam Topic 1)

An administrator wants to ensure that all endpoints are compliant before users are allowed access on the corporate network. The endpoints must have the corporate antivirus application installed and be running the latest build of Windows 10.
What must the administrator implement to ensure that all devices are compliant before they are allowed on the network?

A. Cisco Identity Services Engine and AnyConnect Posture module
B. Cisco Stealthwatch and Cisco Identity Services Engine integration
C. Cisco ASA firewall with Dynamic Access Policies configured
D. Cisco Identity Services Engine with PxGrid services enabled

Answer: A

NEW QUESTION 435
- (Exam Topic 1)
Refer to the exhibit.

```
HQ_Router(config)#username admin5 privilege 5
HQ_Router(config)#privilege interface level 5
shutdown
HQ_Router(config)#privilege interface level 5 ip
HQ_Router(config)#privilege interface level 5
description
```

A network administrator configures command authorization for the admin5 user. What is the admin5 user able to do on HQ_Router after this configuration?

A. set the IP address of an interface
B. complete no configurations
C. complete all configurations
D. add subinterfaces

Answer: B

Explanation:
The user “admin5” was configured with privilege level 5. In order to allow configuration (enter globalconfiguration mode), we must type this command:(config)#privilege exec level 5 configure terminalWithout this command, this user cannot do any configuration.Note: Cisco IOS supports privilege levels from 0 to 15, but the privilege levels which are used by default are privilege level 1 (user EXEC) and level privilege 15 (privilege EXEC)

NEW QUESTION 440
- (Exam Topic 1)
Elliptic curve cryptography is a stronger more efficient cryptography method meant to replace which current encryption technology?

A. 3DES
B. RSA
C. DES
D. AES

Answer: B

Explanation:

Compared to RSA, the prevalent public-key cryptography of the Internet today, Elliptic Curve Cryptography (ECC) offers smaller key sizes, faster computation,as well as memory, energy and bandwidth savings and is thus better suited forsmall devices.

NEW QUESTION 443
- (Exam Topic 1)
When wired 802.1X authentication is implemented, which two components are required? (Choose two)

A. authentication server: Cisco Identity Service Engine
B. supplicant: Cisco AnyConnect ISE Posture module
C. authenticator: Cisco Catalyst switch
D. authenticator: Cisco Identity Services Engine
E. authentication server: Cisco Prime Infrastructure

Answer: AC

NEW QUESTION 445
- (Exam Topic 1)
What is the difference between deceptive phishing and spear phishing?

A. Deceptive phishing is an attacked aimed at a specific user in the organization who holds a C-level role.
B. A spear phishing campaign is aimed at a specific person versus a group of people.
C. Spear phishing is when the attack is aimed at the C-level executives of an organization.
D. Deceptive phishing hijacks and manipulates the DNS server of the victim and redirects the user to a false webpage.

Answer: B

Explanation:

In deceptive phishing, fraudsters impersonate a legitimate company in an attempt to steal people's personal data or login credentials. Those emails frequently use threats and a sense of urgency to scare users into doing what the attackers want.
Spear phishing is carefully designed to get a single recipient to respond. Criminals select an individual target within an organization, using social media and other public information – and craft a fake email tailored for that person.

NEW QUESTION 447
- (Exam Topic 1)
On Cisco Firepower Management Center, which policy is used to collect health modules alerts from managed devices?

A. health policy
B. system policy
C. correlation policy
D. access control policy
E. health awareness policy

Answer: A

NEW QUESTION 451
- (Exam Topic 1)
In a PaaS model, which layer is the tenant responsible for maintaining and patching?

A. hypervisor
B. virtual machine
C. network
D. application

Answer: D

NEW QUESTION 454
- (Exam Topic 1)
Which API is used for Content Security?

A. NX-OS API
B. IOS XR API
C. OpenVuln API
D. AsyncOS API

Answer: D

NEW QUESTION 459
- (Exam Topic 1)
Which algorithm provides encryption and authentication for data plane communication?

A. AES-GCM
B. SHA-96
C. AES-256
D. SHA-384

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/security/vedge/security-book/ security-overview.html

NEW QUESTION 464
- (Exam Topic 1)
What is the function of Cisco Cloudlock for data security?

A. data loss prevention
B. controls malicious cloud apps
C. detects anomalies
D. user and entity behavior analytics

Answer: A

NEW QUESTION 466
- (Exam Topic 1)
How many interfaces per bridge group does an ASA bridge group deployment support?

A. up to 2
B. up to 4
C. up to 8
D. up to 16

Answer: B

Explanation:

Each of the ASAs interfaces need to be grouped into one or more bridge groups. Each of these groups acts as an independent transparent firewall. It is not possible for one bridge group to communicate with another bridge group without assistance from an external router.As of 8.4(1) upto 8 bridge groups are supported with 2-4 interface in each group. Prior to this only one bridge group was supported and only 2 interfaces.Up to 4 interfaces are permitted per bridge–group (inside, outside, DMZ1, DMZ2)

NEW QUESTION 468
- (Exam Topic 1)
Which two deployment model configurations are supported for Cisco FTDv in AWS? (Choose two)

A. Cisco FTDv configured in routed mode and managed by an FMCv installed in AWS
B. Cisco FTDv with one management interface and two traffic interfaces configured
C. Cisco FTDv configured in routed mode and managed by a physical FMC appliance on premises
D. Cisco FTDv with two management interfaces and one traffic interface configured
E. Cisco FTDv configured in routed mode and IPv6 configured

Answer: AC

NEW QUESTION 469
- (Exam Topic 1)
Which form of attack is launched using botnets?

A. EIDDOS
B. virus
C. DDOS
D. TCP flood

Answer: C

Explanation:
A botnet is a collection of internet-connected devices infected by malware that allow hackers to control them.Cyber criminals use botnets to instigate botnet attacks, which include malicious activities such as credentialsleaks, unauthorized access, data theft and DDoS attacks.

NEW QUESTION 472
- (Exam Topic 1)
Which two services must remain as on-premises equipment when a hybrid email solution is deployed? (Choose two)

A. DDoS
B. antispam
C. antivirus
D. encryption
E. DLP

Answer: DE

Explanation:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/security/ces/overview_guide/Cisco_Cloud_Hybrid_Email_Security

NEW QUESTION 474
- (Exam Topic 1)
The main function of northbound APIs in the SDN architecture is to enable communication between which two areas of a network?

A. SDN controller and the cloud
B. management console and the SDN controller
C. management console and the cloud
D. SDN controller and the management solution

Answer: D

NEW QUESTION 475
- (Exam Topic 3)
Which feature enables a Cisco ISR to use the default bypass list automatically for web filtering?

A. filters
B. group key
C. company key
D. connector

Answer: D

NEW QUESTION 480
- (Exam Topic 3)
An administrator enables Cisco Threat Intelligence Director on a Cisco FMC. Which process uses STIX and allows uploads and downloads of block lists?

A. consumption
B. sharing
C. editing
D. authoring

Answer: A

NEW QUESTION 484
- (Exam Topic 3)
Which security solution uses NetFlow to provide visibility across the network, data center, branch offices, and cloud?

A. Cisco CTA
B. Cisco Stealthwatch
C. Cisco Encrypted Traffic Analytics
D. Cisco Umbrella

Answer: B

NEW QUESTION 489
- (Exam Topic 3)
A customer has various external HTTP resources available including Intranet. Extranet, and Internet, with a proxy configuration running in explicit mode Which method allows the client desktop browsers to be configured to select when to connect direct or when to use the proxy?

A. Transparent mode
B. Forward file
C. PAC file
D. Bridge mode

Answer: C

NEW QUESTION 492
- (Exam Topic 3)
Cisco SensorBase gaihers threat information from a variety of Cisco products and services and performs analytics to find patterns on threats Which term describes this process?

A. deployment
B. consumption
C. authoring
D. sharing

Answer: A

NEW QUESTION 493
- (Exam Topic 3)
What is a characteristic of an EDR solution and not of an EPP solution?

A. stops all ransomware attacks
B. retrospective analysis
C. decrypts SSL traffic for better visibility
D. performs signature-based detection

Answer: B

NEW QUESTION 495
- (Exam Topic 3)
What is the process In DevSecOps where all changes In the central code repository are merged and synchronized?

A. CD
B. EP
C. CI
D. QA

Answer: C

NEW QUESTION 497
- (Exam Topic 3)
Which system performs compliance checks and remote wiping?

A. MDM
B. ISE
C. AMP
D. OTP

Answer: A

NEW QUESTION 500
- (Exam Topic 3)
Which CLI command is used to enable URL filtering support for shortened URLs on the Cisco ESA?

A. webadvancedconfig

B. websecurity advancedconfig
C. outbreakconfig
D. websecurity config

Answer: B

NEW QUESTION 501
- (Exam Topic 3)
What are two benefits of using Cisco Duo as an MFA solution? (Choose two.)

A. grants administrators a way to remotely wipe a lost or stolen device
B. provides simple and streamlined login experience for multiple applications and users
C. native integration that helps secure applications across multiple cloud platforms or on-premises environments
D. encrypts data that is stored on endpoints
E. allows for centralized management of endpoint device applications and configurations

Answer: BC

NEW QUESTION 506
- (Exam Topic 3)
Which technology provides a combination of endpoint protection endpoint detection, and response?

A. Cisco AMP
B. Cisco Talos
C. Cisco Threat Grid
D. Cisco Umbrella

Answer: A

NEW QUESTION 510
- (Exam Topic 3)
What is the concept of CI/CD pipelining?

A. The project is split into several phases where one phase cannot start before the previous phase finishes successfully.
B. The project code is centrally maintained and each code change should trigger an automated build and test sequence
C. The project is split into time-limited cycles and focuses on pair programming for continuous code review
D. Each project phase is independent from other phases to maintain adaptiveness and continual improvement

Answer: A

NEW QUESTION 512
- (Exam Topic 3)
Refer to the exhibit.

Consider that any feature of DNS requests, such as the length off the domain name and the number of subdomains, can be used to construct models of expected behavior to which observed values can be compared. Which type of malicious attack are these values associated with?

A. Spectre Worm
B. Eternal Blue Windows
C. Heartbleed SSL Bug
D. W32/AutoRun worm

Answer: D

NEW QUESTION 516
- (Exam Topic 3)
What is the target in a phishing attack?

A. perimeter firewall
B. IPS

C. web server
D. endpoint

Answer: D

NEW QUESTION 517
- (Exam Topic 3)
Which technology limits communication between nodes on the same network segment to individual applications?

A. serverless infrastructure
B. microsegmentation
C. SaaS deployment
D. machine-to-machine firewalling

Answer: B

NEW QUESTION 518
- (Exam Topic 3)
When NetFlow is applied to an interface, which component creates the flow monitor cache that is used to collect traffic based on the key and nonkey fields in the configured record?

A. records
B. flow exporter
C. flow sampler
D. flow monitor

Answer: D

NEW QUESTION 521
- (Exam Topic 3)
Which Cisco security solution determines if an endpoint has the latest OS updates and patches installed on the system?

A. Cisco Endpoint Security Analytics
B. Cisco AMP for Endpoints
C. Endpoint Compliance Scanner
D. Security Posture Assessment Service

Answer: A

NEW QUESTION 524
- (Exam Topic 3)
Which type of data does the Cisco Stealthwatch system collect and analyze from routers, switches, and firewalls?

A. NTP
B. syslog
C. SNMP
D. NetFlow

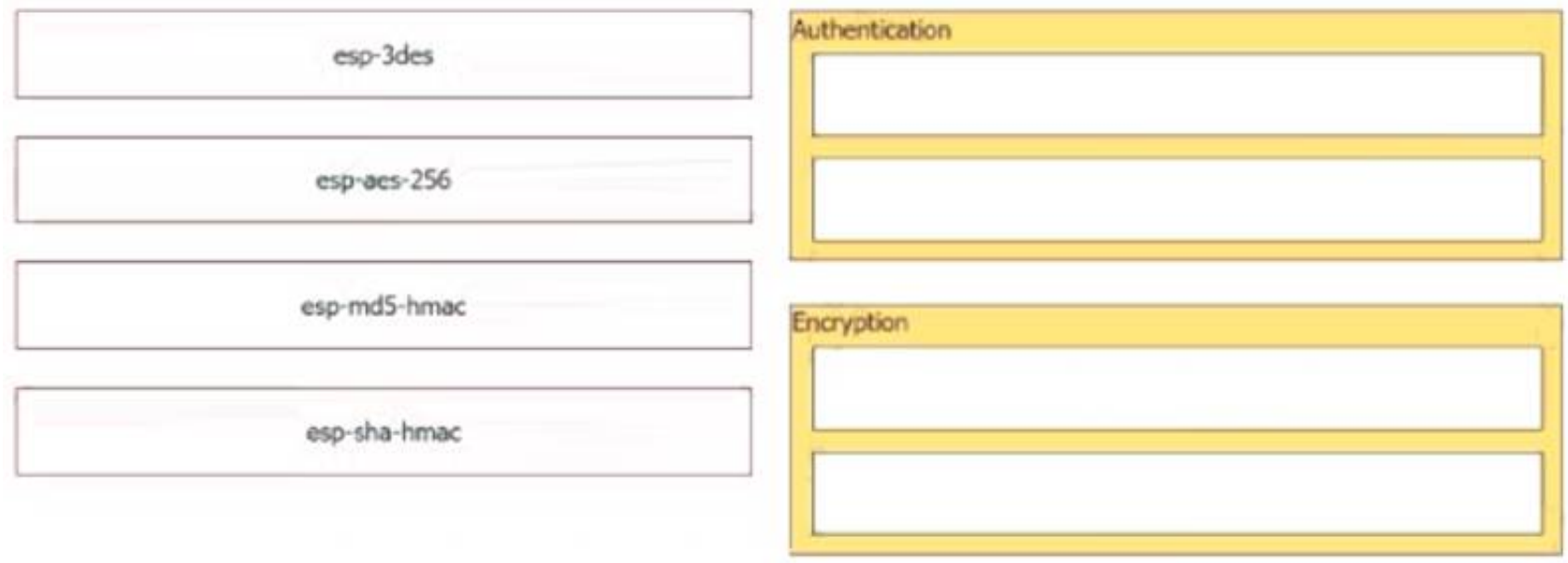
Answer: D

NEW QUESTION 526
- (Exam Topic 3)
Which two criteria must a certificate meet before the WSA uses it to decrypt application traffic? (Choose two.)

A. It must include the current date.
B. It must reside in the trusted store of the WSA.
C. It must reside in the trusted store of the endpoint.
D. It must have been signed by an internal CA.
E. it must contain a SAN.

Answer: AB

NEW QUESTION 531
- (Exam Topic 3)
Drag and drop the cryptographic algorithms for IPsec from the left onto the cryptographic processes on the right.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Diagram Description automatically generated

NEW QUESTION 536
- (Exam Topic 3)
With Cisco AMP for Endpoints, which option shows a list of all files that have been executed in your environment?

A. Prevalence
B. File analysis
C. Detections
D. Vulnerable software
E. Threat root cause

Answer: A

Explanation:
Reference: https://docs.amp.cisco.com/en/A4E/AMP%20for%20Endpoints%20User%20Guide.pdf

NEW QUESTION 541
- (Exam Topic 3)
Which open source tool does Cisco use to create graphical visualizations of network telemetry on Cisco IOS XE devices?

A. InfluxDB
B. Splunk
C. SNMP
D. Grafana

Answer: D

NEW QUESTION 542
- (Exam Topic 3)
Which solution stops unauthorized access to the system if a user's password is compromised?

A. VPN
B. MFA
C. AMP
D. SSL

Answer: B

NEW QUESTION 545
- (Exam Topic 3)
What is a benefit of using a multifactor authentication strategy?

A. It provides visibility into devices to establish device trust.
B. It provides secure remote access for applications.
C. It provides an easy, single sign-on experience against multiple applications
D. lt protects data by enabling the use of a second validation of identity.

Answer: D

NEW QUESTION 548
- (Exam Topic 3)

An organization wants to implement a cloud-delivered and SaaS-based solution to provide visibility and threat detection across the AWS network. The solution must be deployed without software agents and rely on AWS VPC flow logs instead. Which solution meets these requirements?

A. Cisco Stealthwatch Cloud
B. Cisco Umbrella
C. NetFlow collectors
D. Cisco Cloudlock

Answer: A

NEW QUESTION 552
- (Exam Topic 3)
Which type of attack is MFA an effective deterrent for?

A. ping of death
B. phishing
C. teardrop
D. syn flood

Answer: B

NEW QUESTION 555
- (Exam Topic 3)
What is the term for having information about threats and threat actors that helps mitigate harmful events that would otherwise compromise networks or systems?

A. trusted automated exchange
B. Indicators of Compromise
C. The Exploit Database
D. threat intelligence

Answer: D

NEW QUESTION 559
- (Exam Topic 3)
Which feature requires that network telemetry be enabled?

A. per-interface stats
B. SNMP trap notification
C. Layer 2 device discovery
D. central syslog system

Answer: D

NEW QUESTION 563
- (Exam Topic 3)
Which Cisco ASA deployment model is used to filter traffic between hosts in the same IP subnet using higher-level protocols without readdressing the network?

A. routed mode
B. transparent mode
C. single context mode
D. multiple context mode

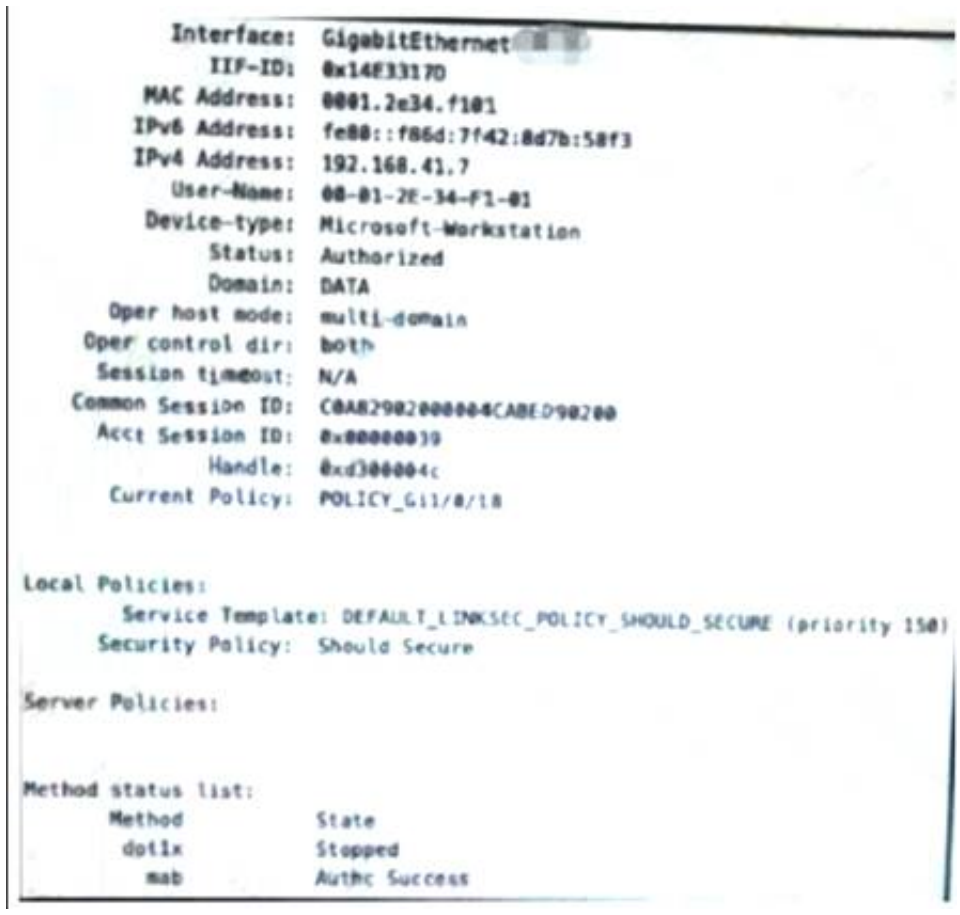
Answer: B

NEW QUESTION 566
- (Exam Topic 3)
What are two functionalities of SDN Northbound APIs? (Choose two.)

A. Northbound APIs provide a programmable interface for applications to dynamically configure the network.
B. Northbound APIs form the interface between the SDN controller and business applications.
C. OpenFlow is a standardized northbound API protocol.
D. Northbound APIs use the NETCONF protocol to communicate with applications.
E. Northbound APIs form the interface between the SDN controller and the network switches or routers.

Answer: AB

NEW QUESTION 567
- (Exam Topic 3)
Refer to the exhibit.



Which configuration item makes it possible to have the AAA session on the network?

A. aaa authentication login console ise
B. aaa authentication enable default enable
C. aaa authorization network default group ise
D. aaa authorization exec default ise

Answer: C

NEW QUESTION 570
- (Exam Topic 3)
What is the process of performing automated static and dynamic analysis of files against preloaded behavioral indicators for threat analysis?

A. deep visibility scan
B. point-in-time checks
C. advanced sandboxing
D. advanced scanning

Answer: C

NEW QUESTION 573
- (Exam Topic 3)
Which service allows a user export application usage and performance statistics with Cisco Application Visibility and control?

A. SNORT
B. NetFlow
C. SNMP
D. 802.1X

Answer: B

Explanation:
Application Visibility and control (AVC) supports NetFlow to export application usage and performancestatistics. This data can be used for analytics, billing, and security policies.

NEW QUESTION 577
- (Exam Topic 3)
Which two parameters are used to prevent a data breach in the cloud? (Choose two.)

A. DLP solutions
B. strong user authentication
C. encryption
D. complex cloud-based web proxies
E. antispoofing programs

Answer: AB

NEW QUESTION 582
- (Exam Topic 3)
Which security solution is used for posture assessment of the endpoints in a BYOD solution?

A. Cisco FTD

B. Cisco ASA
C. Cisco Umbrella
D. Cisco ISE

Answer: D

NEW QUESTION 584
- (Exam Topic 3)
Which IETF attribute is supported for the RADIUS CoA feature?

A. 24 State
B. 30 Calling-Station-ID
C. 42 Acct-Session-ID
D. 81 Message-Authenticator

Answer: A

NEW QUESTION 585
- (Exam Topic 3)
Which type of encryption uses a public key and private key?

A. Asymmetric
B. Symmetric
C. Linear
D. Nonlinear

Answer: A

NEW QUESTION 587
- (Exam Topic 3)
Refer to the exhibit. What does this Python script accomplish?

```
import http.client
import base64
import ssl
import sys

host = sys.argv[1]#"10.10.10.240"
user = sys.argv[2]#"ersad"
password = sys.argv[3]#"Password1"

conn = http.client.HTTPSConnection("{}:9060".format(host),
context=ssl.SSLContext(ssl.PROTOCOL_TLSv1_2))

creds = str.encode(':'.join((user, password)))
encodedAuth = bytes.decode(base64.b64encode(creds))

headers = {
    'accept': "application/json",
    'authorization': " ".join(("Basic",encodedAuth)),
    'cache-control': "no-cache",
    }

conn.request("GET", "/ers/config/internaluser/", headers=headers)

res = conn.getresponse()
data = res.read()

print("Status: {}".format(res.status))
print("Header:\n{}".format(res.header))
print("Body:\n{}".format(data.decode("utf-8")))
```

A. It allows authentication with TLSv1 SSL protocol
B. It authenticates to a Cisco ISE with an SSH connection.
C. It authenticates to a Cisco ISE server using the username of ersad
D. It lists the LDAP users from the external identity store configured on Cisco ISE

Answer: C

NEW QUESTION 590
- (Exam Topic 3)
Which threat intelligence standard contains malware hashes?

A. structured threat information expression
B. advanced persistent threat
C. trusted automated exchange or indicator information

D. open command and control

Answer: A

NEW QUESTION 595
- (Exam Topic 3)
What are two workload security models? (Choose two.)

A. SaaS
B. PaaS
C. off-premises
D. on-premises
E. IaaS

Answer: CD

NEW QUESTION 598
- (Exam Topic 3)
Which RADIUS feature provides a mechanism to change the AAA attributes of a session after it is authenticated?

A. Authorization
B. Accounting
C. Authentication
D. CoA

Answer: D

NEW QUESTION 599
- (Exam Topic 3)
An engineer is configuring their router to send NetfFow data to Stealthwatch which has an IP address of 1 1 11 using the flow record Stea!thwatch406397954 command Which additional command is required to complete the flow record?

A. transport udp 2055
B. match ipv4 ttl
C. cache timeout active 60
D. destination 1.1.1.1

Answer: B

NEW QUESTION 604
- (Exam Topic 3)
Which technology provides the benefit of Layer 3 through Layer 7 innovative deep packet inspection, enabling the platform to identify and output various applications within the network traffic flows?

A. Cisco NBAR2
B. Cisco ASAV
C. Account on Resolution
D. Cisco Prime Infrastructure

Answer: A

NEW QUESTION 608
- (Exam Topic 3)
Which category includes DoS Attacks?

A. Virus attacks
B. Trojan attacks
C. Flood attacks
D. Phishing attacks

Answer: C

NEW QUESTION 611
- (Exam Topic 3)
How does a WCCP-configured router identify if the Cisco WSA is functional?

A. If an ICMP ping fails three consecutive times between a router and the WSA, traffic is no longer transmitted to the router.
B. If an ICMP ping fails three consecutive times between a router and the WSA, traffic is no longer transmitted to the WSA.
C. The WSA sends a Here-I-Am message every 10 seconds, and the router acknowledges with an ISee-You message.
D. The router sends a Here-I-Am message every 10 seconds, and the WSA acknowledges with an ISee-You message.

Answer: C

NEW QUESTION 614
- (Exam Topic 3)

Which two protocols must be configured to authenticate end users to the Web Security Appliance? (Choose two.)

A. NTLMSSP
B. Kerberos
C. CHAP
D. TACACS+
E. RADIUS

Answer: AB

NEW QUESTION 619
- (Exam Topic 3)
What is the benefit of integrating Cisco ISE with a MDM solution?

A. It provides compliance checks for access to the network
B. It provides the ability to update other applications on the mobile device
C. It provides the ability to add applications to the mobile device through Cisco ISE
D. It provides network device administration access

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_ise_interoperab

NEW QUESTION 621
- (Exam Topic 3)
Refer to the exhibit.

```
"remarks" [],
"destinationService" {
"kind" serviceKind,
"value": destinationServic
},
"permit" trueORfalse,
"active" "true",
"position" "1",
"sourceAddress" {
"kind" sourceAddressKind,
"value" sourceAddress
}
}

req = urllib2.Request(url, json.dumps(post_data), headers)
base64string = base64.encodestring('%s:%s' % (username, password)).replace('\n', '')
req.add_header("Authorization", "Basic %s" % base64string)
try:
f = urllib2.urlopen(req)
status_code = f.getcode()

print "Status code is "+str(status_code)
if status_code == 201:
print "Operation successful"
except urllib2.HTTPError, err:
print "Error received from server. HTTP Status code: "+str(err.code)
try:
json_error = json.loads(err.read())
if json_error:
print json.dumps(json_error,sort_keys=True,indent=4, separators=(',', ': '))
except ValueError:
pass
finally:
if f: f.close()
```

Enter your search term

What is the function of the Python script code snippet for the Cisco ASA REST API?

A. adds a global rule into policies
B. changes the hostname of the Cisco ASA
C. deletes a global rule from policies
D. obtains the saved configuration of the Cisco ASA firewall

Answer: A

NEW QUESTION 626
- (Exam Topic 3)
An administrator needs to configure the Cisco ASA via ASDM such that the network management system can actively monitor the host using SNMPv3. Which two tasks must be performed for this configuration? (Choose two.)

A. Specify the SNMP manager and UDP port.
B. Specify an SNMP user group
C. Specify a community string.
D. Add an SNMP USM entry
E. Add an SNMP host access entry

Answer: BE

NEW QUESTION 630
- (Exam Topic 3)
Which feature within Cisco ISE verifies the compliance of an endpoint before providing access to the network?

A. Posture
B. Profiling
C. pxGrid
D. MAB

Answer: A

NEW QUESTION 633
- (Exam Topic 3)
An organization must add new firewalls to its infrastructure and wants to use Cisco ASA or Cisco FTD.
The chosen firewalls must provide methods of blocking traffic that include offering the user the option to bypass the block for certain sites after displaying a warning page and to reset the connection. Which solution should the organization choose?

A. Cisco FTD because it supports system rate level traffic blocking, whereas Cisco ASA does not
B. Cisco ASA because it allows for interactive blocking and blocking with reset to be configured via the GUI, whereas Cisco FTD does not.
C. Cisco FTD because it enables interactive blocking and blocking with reset natively, whereas Cisco ASA does not
D. Cisco ASA because it has an additional module that can be installed to provide multiple blockingcapabilities, whereas Cisco FTD does not.

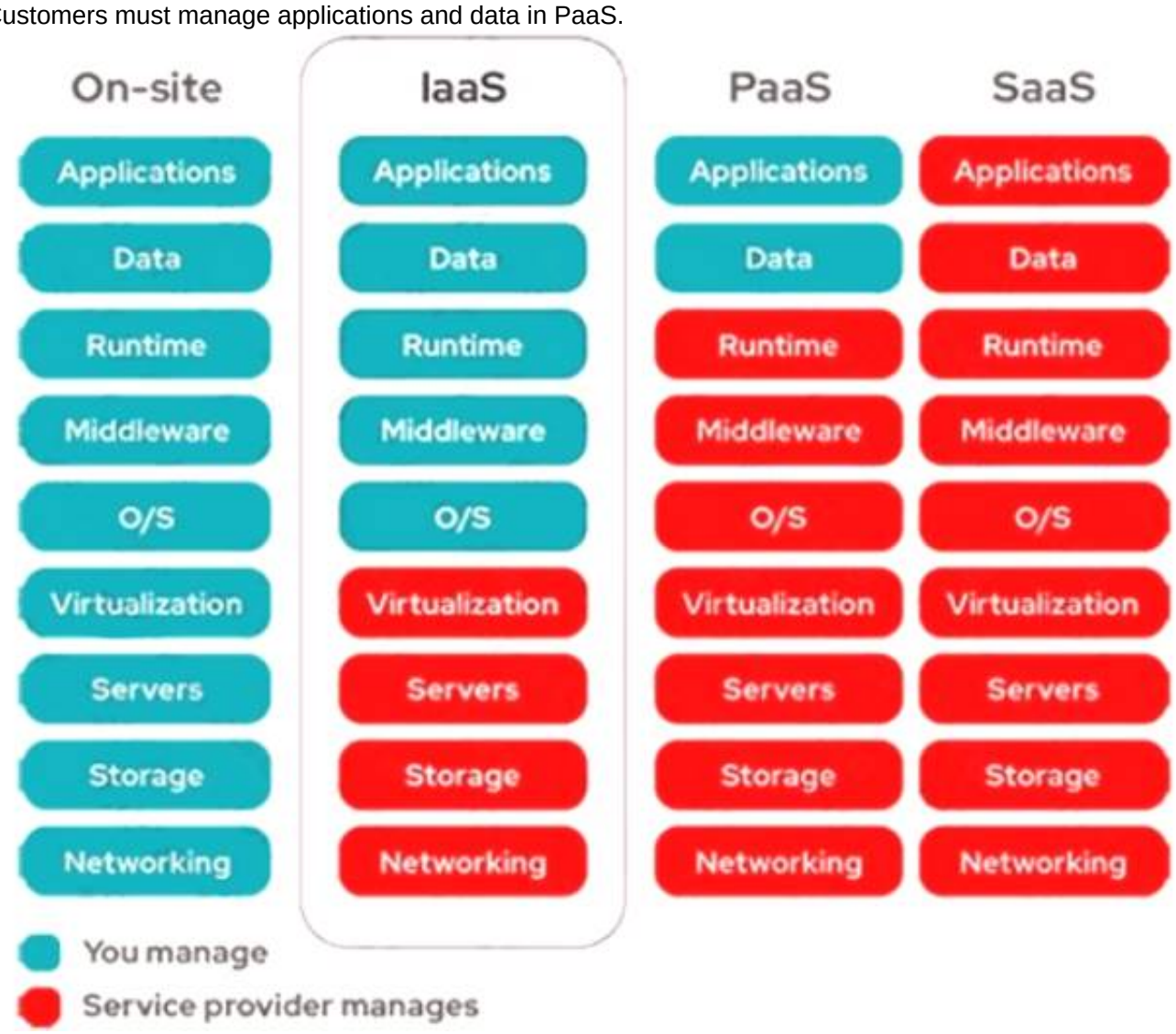
Answer: C

NEW QUESTION 637
- (Exam Topic 2)
Which two aspects of the cloud PaaS model are managed by the customer but not the provider? (Choose two)

A. virtualization
B. middleware
C. operating systems
D. applications
E. data

Answer: DE

Explanation:
Customers must manage applications and data in PaaS.



NEW QUESTION 638
- (Exam Topic 2)
An engineer needs behavioral analysis to detect malicious activity on the hosts, and is configuring the organization's public cloud to send telemetry using the cloud provider's mechanisms to a security device.
Which mechanism should the engineer configure to accomplish this goal?

A. mirror port
B. Flow
C. NetFlow
D. VPC flow logs

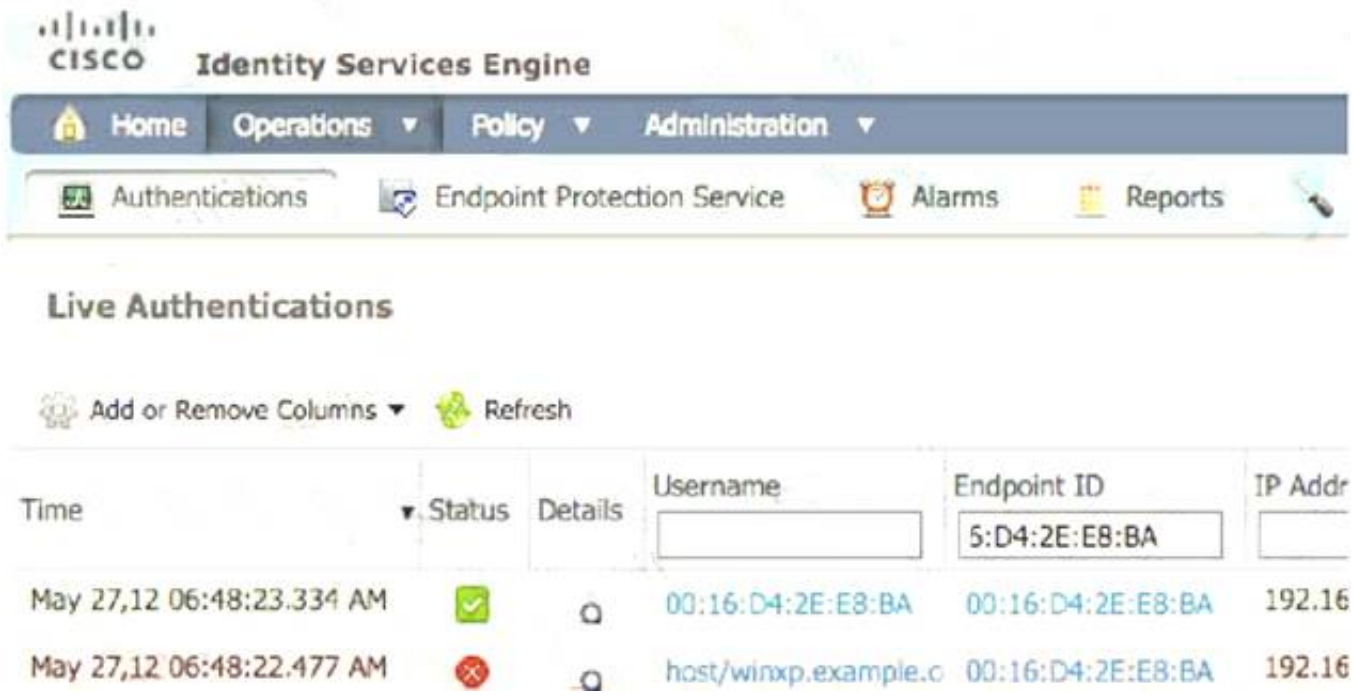
Answer: C

NEW QUESTION 641
- (Exam Topic 2)
A network administrator is configuring a switch to use Cisco ISE for 802.1X. An endpoint is failing authentication and is unable to access the network. Where should the administrator begin troubleshooting to verify the authentication details?

A. Adaptive Network Control Policy List
B. Context Visibility
C. Accounting Reports
D. RADIUS Live Logs

Answer: D

Explanation:
How To Troubleshoot ISE Failed Authentications & AuthorizationsCheck the ISE Live LogsLogin to the primary ISE Policy Administration Node (PAN).Go to Operations > RADIUS > Live Logs(Optional) If the event is not present in the RADIUS Live Logs, go to Operations > Reports > Reports >Endpoints and Users > RADIUS AuthenticationsCheck for Any Failed Authentication Attempts in the Log



Reference:
https://community.cisco.com/t5/security-documents/how-to-troubleshoot-ise-failed-authenticationsamp/ta-p/363

NEW QUESTION 645
- (Exam Topic 2)
What are two Trojan malware attacks? (Choose two)

A. Frontdoor
B. Rootkit
C. Smurf
D. Backdoor
E. Sync

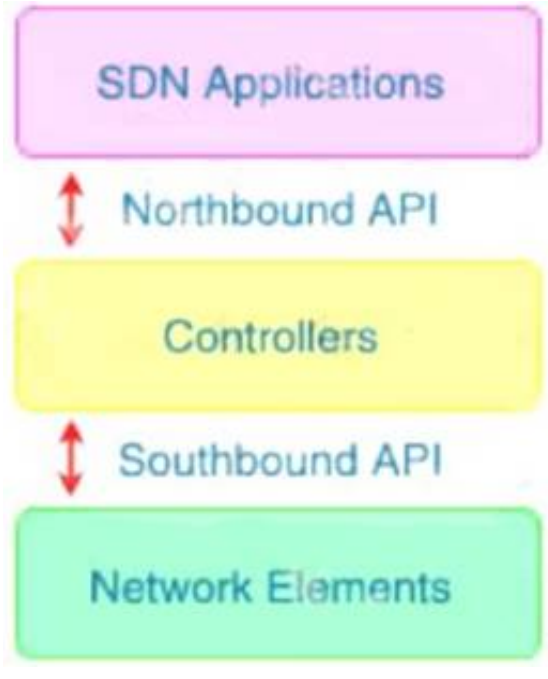
Answer: BD

NEW QUESTION 648
- (Exam Topic 2)
With which components does a southbound API within a software-defined network architecture communicate?

A. controllers within the network
B. applications
C. appliances
D. devices such as routers and switches

Answer: D

Explanation:



The Southbound API is used to communicate between Controllers and network devices.

NEW QUESTION 649
- (Exam Topic 2)
What is a functional difference between a Cisco ASA and a Cisco IOS router with Zone-based policy firewall?

A. The Cisco ASA denies all traffic by default whereas the Cisco IOS router with Zone-Based Policy Firewall starts out by allowing all traffic, even on untrusted interfaces
B. The Cisco IOS router with Zone-Based Policy Firewall can be configured for high availability, whereas the Cisco ASA cannot
C. The Cisco IOS router with Zone-Based Policy Firewall denies all traffic by default, whereas the Cisco ASA starts out by allowing all traffic until rules are added
D. The Cisco ASA can be configured for high availability whereas the Cisco IOS router with Zone-Based Policy Firewall cannot

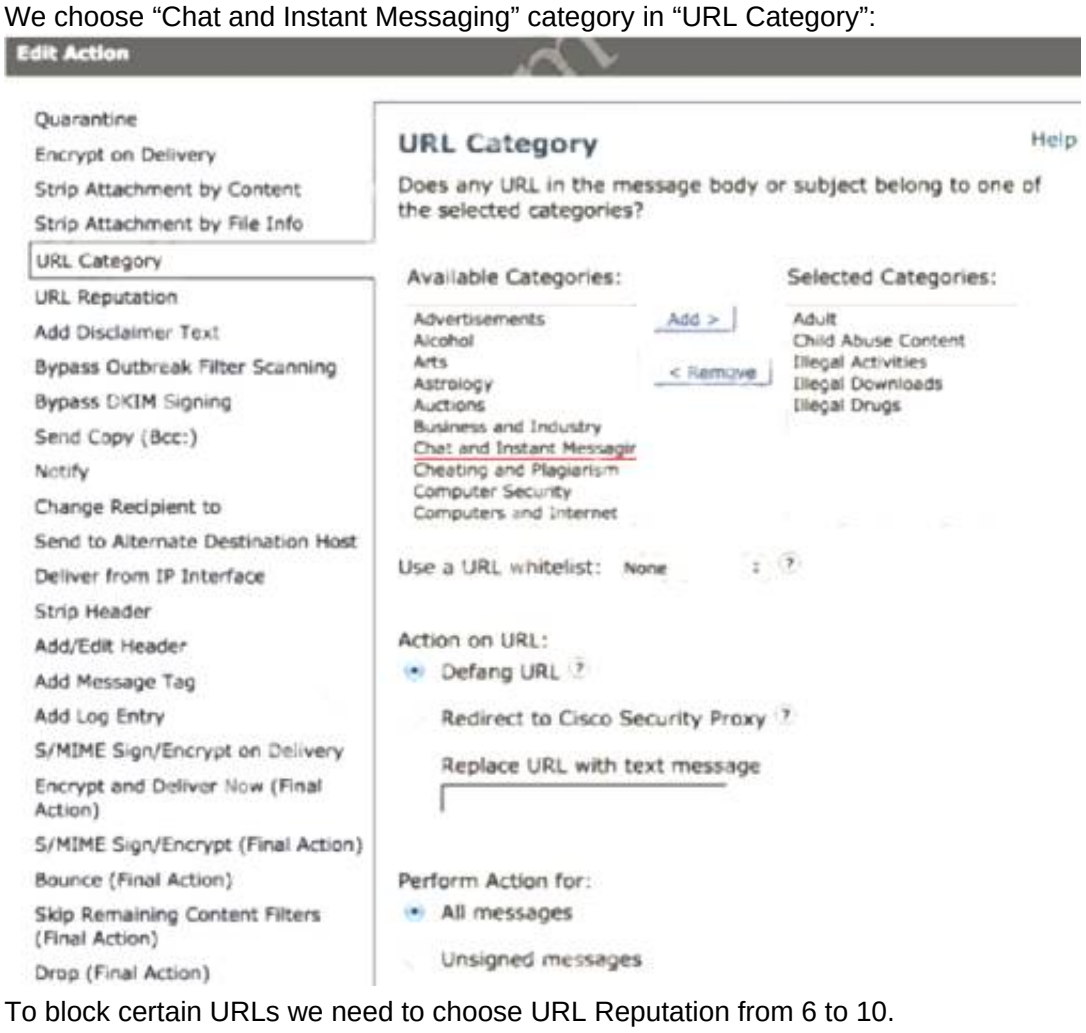
Answer: A

NEW QUESTION 650
- (Exam Topic 2)
A network administrator is configuring a rule in an access control policy to block certain URLs and selects the “Chat and Instant Messaging” category. Which reputation score should be selected to accomplish this goal?

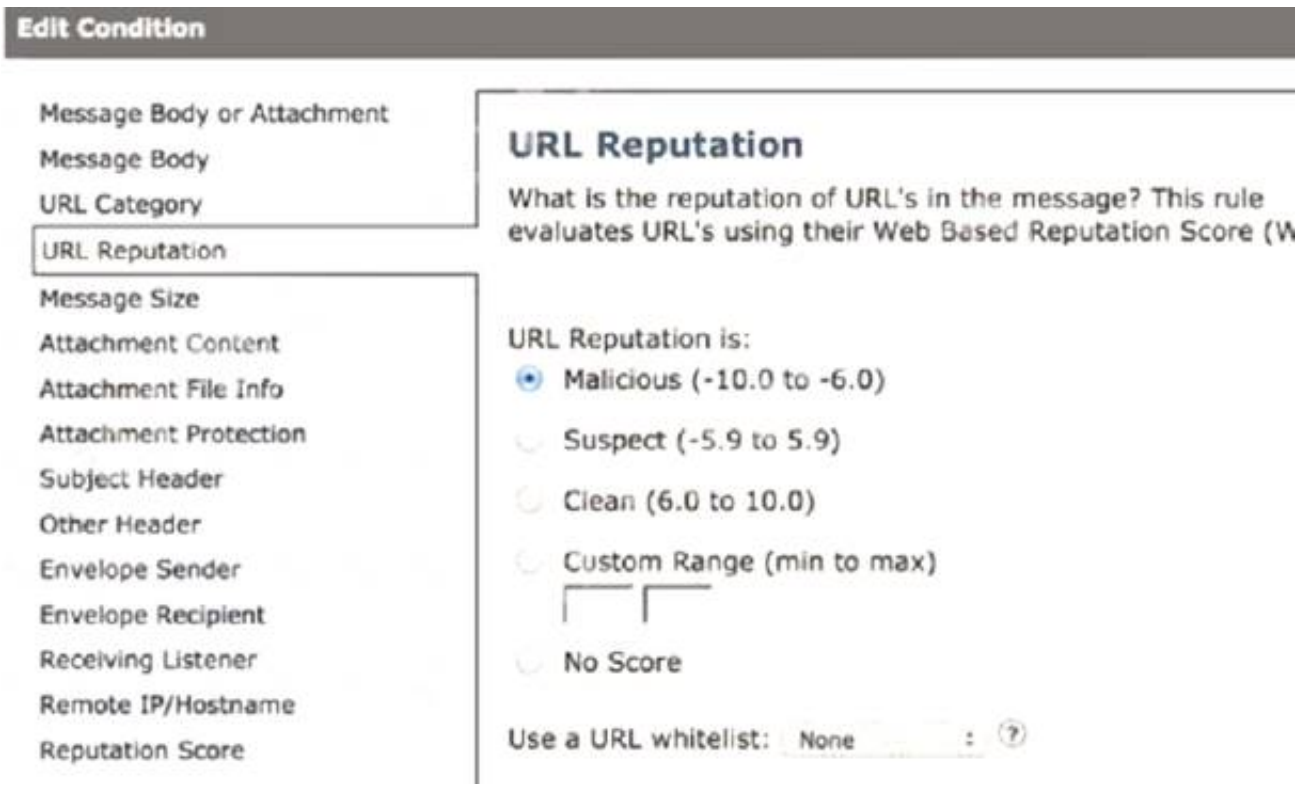
A. 1
B. 3
C. 5
D. 10

Answer: D

Explanation:
We choose “Chat and Instant Messaging” category in “URL Category”:



To block certain URLs we need to choose URL Reputation from 6 to 10.



NEW QUESTION 652
- (Exam Topic 2)
What is the role of Cisco Umbrella Roaming when it is installed on an endpoint?

A. To protect the endpoint against malicious file transfers
B. To ensure that assets are secure from malicious links on and off the corporate network
C. To establish secure VPN connectivity to the corporate network
D. To enforce posture compliance and mandatory software

Answer: B

Explanation:
Umbrella Roaming is a cloud-delivered security service for Cisco's next-generation firewall. It protects your employees even when they are off the VPN.

NEW QUESTION 657
- (Exam Topic 2)
Which type of API is being used when a security application notifies a controller within a software-defined network architecture about a specific security threat?

A. westbound AP
B. southbound API
C. northbound API
D. eastbound API

Answer: C

NEW QUESTION 661
- (Exam Topic 2)
What is a capability of Cisco ASA Netflow?

A. It filters NSEL events based on traffic
B. It generates NSEL events even if the MPF is not configured
C. It logs all event types only to the same collector
D. It sends NetFlow data records from active and standby ASAs in an active standby failover pair

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/wsa/wsa11-0/user_guide/b_WSA_UserGuide/b_WSA_UserGui Policy Order The order in which policies are listed in a policy table determines the priority with which they are applied to Web requests. Web requests are checked against policies beginning at the top of the table and ending at the first policy matched. Any policies below that point in the table are not processed. If no user-defined policy is matched against a Web request, then the global policy for that policy type is applied. Global policies are always positioned last in Policy tables and cannot be re-ordered.

NEW QUESTION 666
- (Exam Topic 2)
An organization wants to secure users, data, and applications in the cloud. The solution must be API-based and operate as a cloud-native CASB. Which solution must be used for this implementation?

A. Cisco Cloudlock
B. Cisco Cloud Email Security
C. Cisco Firepower Next-Generation Firewall
D. Cisco Umbrella

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/dam/en/us/products/collateral/security/cloud-web-security/at-a-glance-c45-738565.pdf

NEW QUESTION 669
- (Exam Topic 2)
An engineer is implementing NTP authentication within their network and has configured both the client and server devices with the command ntp authentication-key 1 md5 Cisc392368270. The server at 1.1.1.1 is attempting to authenticate to the client at 1.1.1.2, however it is unable to do so. Which command is required to enable the client to accept the server's authentication key?

A. ntp peer 1.1.1.1 key 1
B. ntp server 1.1.1.1 key 1
C. ntp server 1.1.1.2 key 1
D. ntp peer 1.1.1.2 key 1

Answer: B

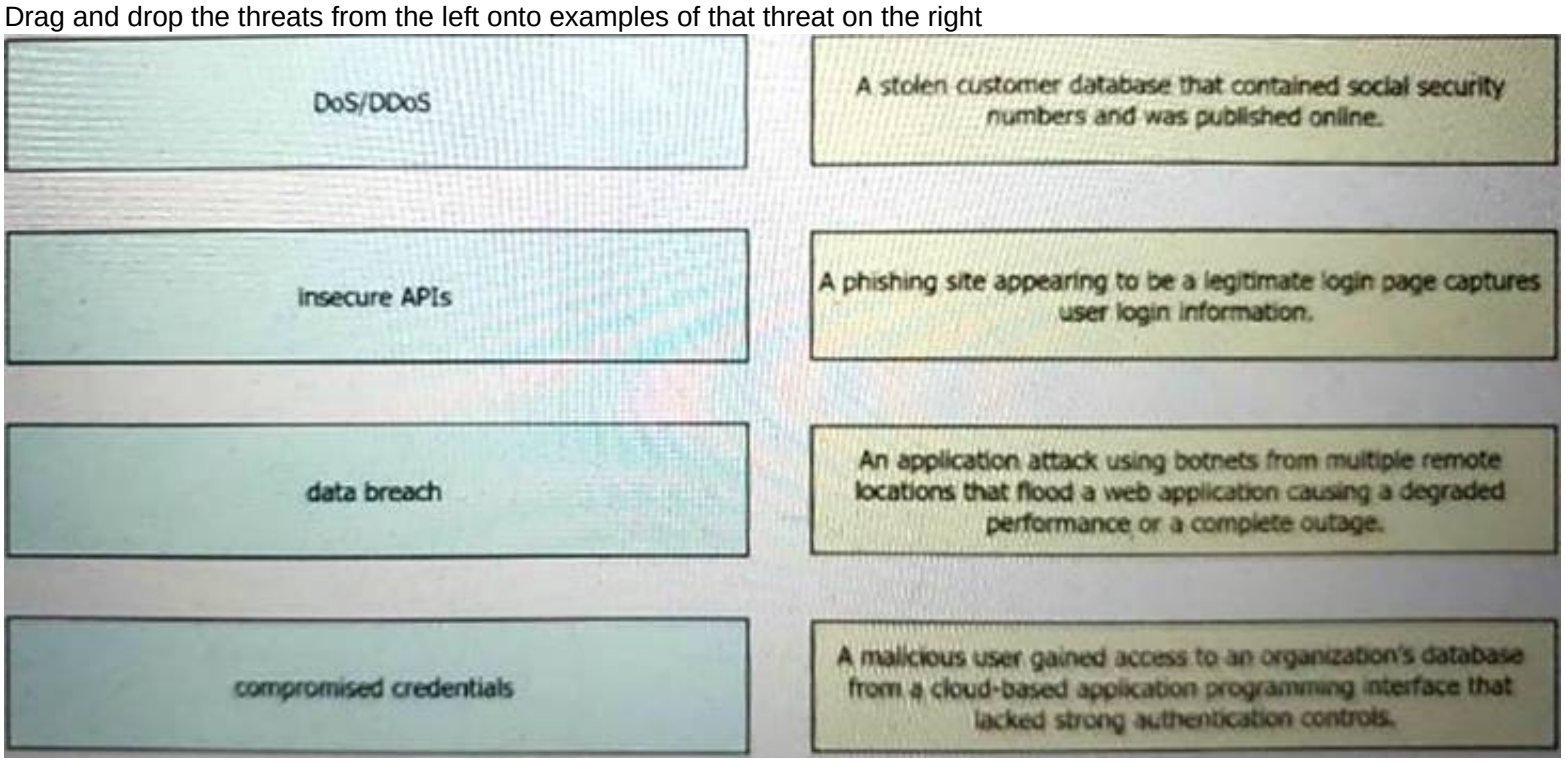
Explanation:
To configure an NTP enabled router to require authentication when other devices connect to it, use thefollowing commands:NTP_Server(config)#ntp authentication-key 2 md5 securitytutNTP_Server(config)#ntp authenticateNTP_Server(config)#ntp trusted-key 2Then you must configure the same authentication-key on the client router:NTP_Client(config)#ntp authentication-key 2 md5 securitytutNTP_Client(config)#ntp authenticateNTP_Client(config)#ntp trusted-key 2NTP_Client(config)#ntp server 10.10.10.1 key 2Note: To configure a Cisco device as a NTP client, use the command ntp server <IP address>. For example:Router(config)#ntp server 10.10.10.1. This command will instruct the router to query 10.10.10.1 for the time.

NEW QUESTION 671
- (Exam Topic 2)
Which type of protection encrypts RSA keys when they are exported and imported?

A. file
B. passphrase
C. NGE
D. nonexportable

Answer: B

NEW QUESTION 673
- (Exam Topic 2)
Drag and drop the threats from the left onto examples of that threat on the right



A. Mastered
B. Not Mastered

Answer: A

Explanation:
A data breach is the intentional or unintentional release of secure or private/confidential information to anuntrusted environment.When your credentials have been compromised, it means someone other than you may be in possession of your account information, such as your username and/or password.

NEW QUESTION 675
- (Exam Topic 2)
What is the purpose of the certificate signing request when adding a new certificate for a server?

A. It is the password for the certificate that is needed to install it with.
B. It provides the server information so a certificate can be created and signed
C. It provides the certificate client information so the server can authenticate against it when installing
D. It is the certificate that will be loaded onto the server

Answer: B

Explanation:
A certificate signing request (CSR) is one of the first steps towards getting your own SSL Certificate. Generated on the same server you plan to install the certificate on, the CSR contains information (e.g. common name, organization, country) that the Certificate Authority (CA) will use to create your certificate. It also contains the public key that will be included in your certificate and is signed with the corresponding private key

NEW QUESTION 677
- (Exam Topic 2)
Refer to the exhibit.

```
ip dhcp snooping
ip dhcp snooping vlan 41,44
!
interface GigabitEthernet1/0/1
 description Uplink_To_Distro_Switch_g1/0/11
 switchport trunk native vlan 999
 switchport trunk allowed vlan 40,41,44
 switchport mode trunk
```

An organization is using DHCP Snooping within their network. A user on VLAN 41 on a new switch is complaining that an IP address is not being obtained. Which command should be configured on the switch interface in order to provide the user with network connectivity?

A. ip dhcp snooping verify mac-address
B. ip dhcp snooping limit 41
C. ip dhcp snooping vlan 41
D. ip dhcp snooping trust

Answer: D

Explanation:
To understand DHCP snooping we need to learn about DHCP spoofing attack first.
DHCP spoofing is a type of attack in that the attacker listens for DHCP Requests from clients and answers them with fake DHCP Response before the authorized DHCP Response comes to the clients. The fake DHCP Response often gives its IP address as the client default gateway -> all the traffic sent from the client will go through the attacker computer, the attacker becomes a “man-in-the-middle”.The attacker can have some ways to make sure its fake DHCP Response arrives first. In fact, if the attacker is “closer” than the DHCP Server then he doesn’t need to do anything. Or he can DoS the DHCP Server so that it can’t send the DHCP Response.DHCP snooping can prevent DHCP spoofing attacks. DHCP snooping is a Cisco Catalyst feature thatdetermines which switch ports can respond to DHCP requests. Ports are identified as trusted and untrusted.
Only ports that connect to an authorized DHCP server are trusted, and allowed to send all types of DHCP messages. All other ports on the switch are untrusted and can send only DHCP requests. If a DHCP response is seen on an untrusted port, the port is shut down.
The port connected to a DHCP server should be configured as trusted port with the “ip dhcp snooping trust” command. Other ports connecting to hosts are untrusted ports by default.
In this question, we need to configure the uplink to “trust” (under interface Gi1/0/1) as shown below.

NEW QUESTION 680
- (Exam Topic 2)
Which product allows Cisco FMC to push security intelligence observable to its sensors from other products?

A. Encrypted Traffic Analytics
B. Threat Intelligence Director
C. Cognitive Threat Analytics
D. Cisco Talos Intelligence

Answer: B

NEW QUESTION 683
- (Exam Topic 2)
What is the purpose of the My Devices Portal in a Cisco ISE environment?

A. to register new laptops and mobile devices
B. to request a newly provisioned mobile device
C. to provision userless and agentless systems
D. to manage and deploy antivirus definitions and patches on systems owned by the end user

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/mydevices/b_mydevices_2x.html

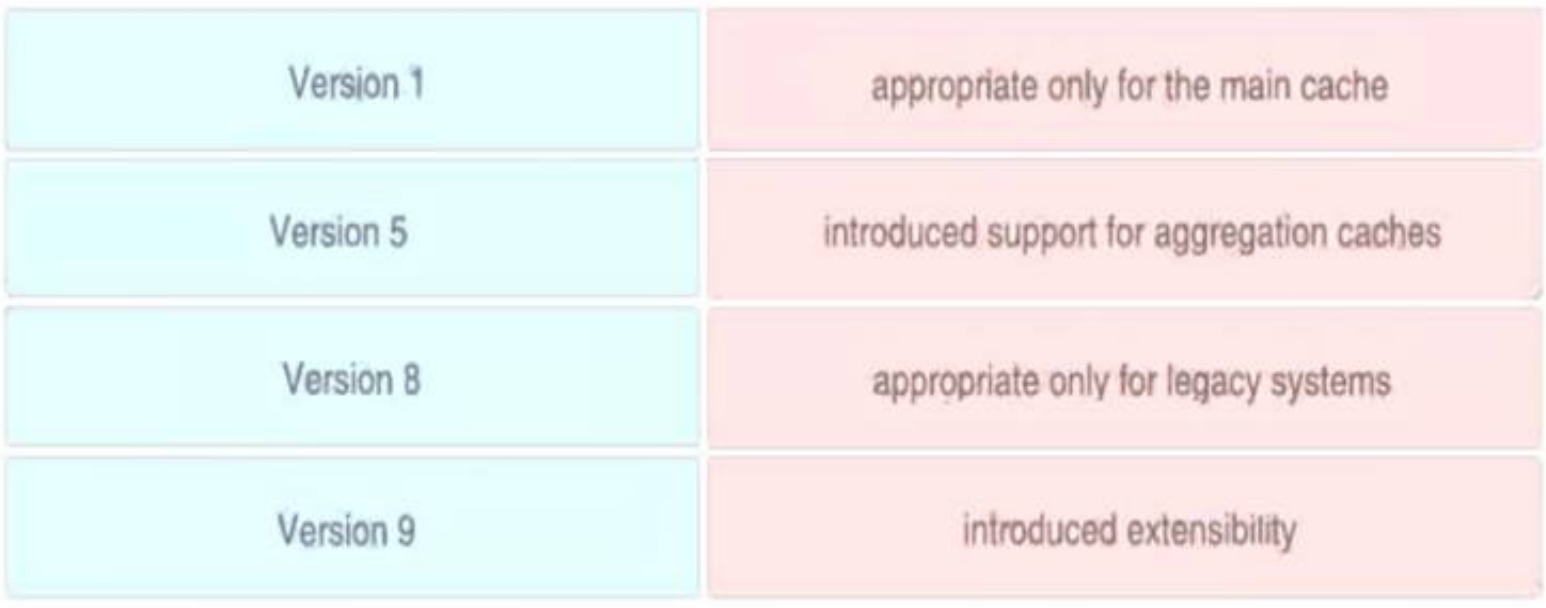
NEW QUESTION 688
- (Exam Topic 2)
What is the difference between Cross-site Scripting and SQL Injection, attacks?

A. Cross-site Scripting is an attack where code is injected into a database, whereas SQL Injection is an attack where code is injected into a browser.
B. Cross-site Scripting is a brute force attack targeting remote sites, whereas SQL Injection is a social engineering attack.
C. Cross-site Scripting is when executives in a corporation are attacked, whereas SQL Injection is when a database is manipulated.
D. Cross-site Scripting is an attack where code is executed from the server side, whereas SQL Injection is an attack where code is executed from the client side.

Answer: A

Explanation:
Answer B is not correct because Cross-site Scripting (XSS) is not a brute force attack.Answer C is not correct because the statement “Cross-site Scripting is when executives in a corporation are attacked” is not true. XSS is a client-side vulnerability that targets other application users.Answer D is not correct because the statement “Cross-site Scripting is an attack where code is executed from the server side”. In fact, XSS is a method that exploits website vulnerability by injecting scripts that will run at client’s side.Therefore only answer A is left. In XSS, an attacker will try to inject his malicious code (usually malicious links) into a database. When other users follow his links, their web browsers are redirected to websites whereattackers can steal data from them. In a SQL Injection, an attacker will try to inject SQL code (via his browser) into forms, cookies, or HTTP headers that do not use data sanitizing or validation methods of GET/POSTparameters.Note: The main difference between a SQL and XSS injection attack is that SQL injection attacks are used to steal information from databases whereas XSS attacks are used to redirect users to websites where attackers can steal data from them.

NEW QUESTION 693
- (Exam Topic 2)
Drag and drop the NetFlow export formats from the left onto the descriptions on the right.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/netflow/configuration/15-mt/nf-15-mt-book/cfgnflow-data-e

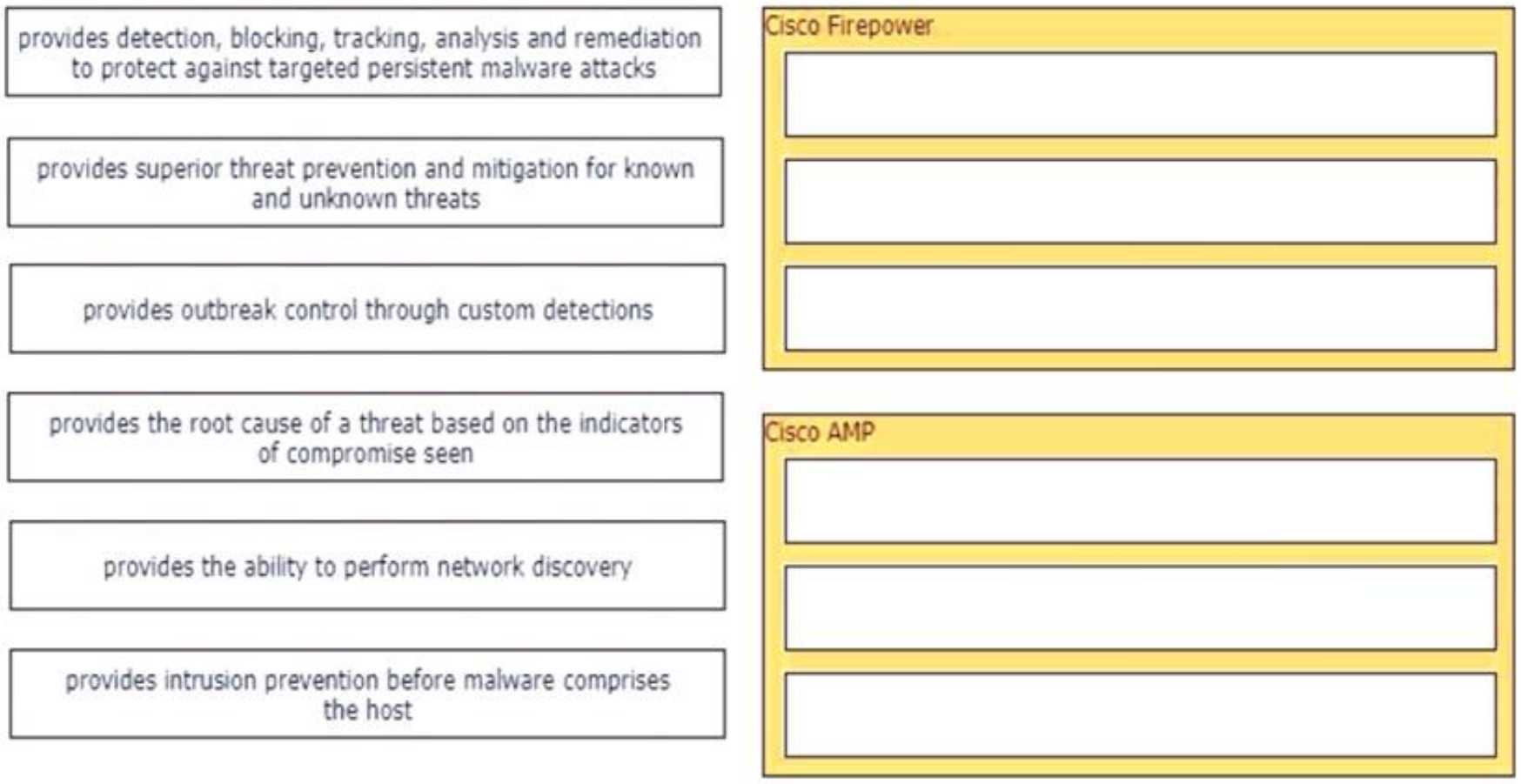
NEW QUESTION 698
- (Exam Topic 2)
An organization is implementing URL blocking using Cisco Umbrella. The users are able to go to some sites but other sites are not accessible due to an error. Why is the error occurring?

A. Client computers do not have the Cisco Umbrella Root CA certificate installed.
B. IP-Layer Enforcement is not configured.
C. Client computers do not have an SSL certificate deployed from an internal CA server.
D. Intelligent proxy and SSL decryption is disabled in the policy

Answer: A

Explanation:
Reference: https://docs.umbrella.com/deployment-umbrella/docs/rebrand-cisco-certificate-import-information

NEW QUESTION 701
- (Exam Topic 2)
Drag and drop the capabilities of Cisco Firepower versus Cisco AMP from the left into the appropriate category on the right.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Application Description automatically generated with low confidence explanation The Firepower System uses network discovery and identity policies to collect host, application, and user data for traffic on your network. You can use certain types of discovery and identity data to build a comprehensive map of your network assets, perform forensic analysis, behavioral profiling, access control, and mitigate and respond to the vulnerabilities and exploits to which your organization is susceptible.The Cisco Advanced Malware Protection (AMP) solution enables you to detect and block malware, continuously analyze for malware, and get retrospective alerts. AMP for Networks delivers network-based advanced malware protection that goes beyond point-in-time detection to protect your organization across the entire attack continuum – before, during, and after an attack. Designed for Cisco Firepower® network threat appliances, AMP for Networks detects, blocks, tracks, and contains malware threats across multiple threat vectors within a single system. It also provides the visibility and control necessary to protect your organization against highly sophisticated, targeted, zero-day, and persistent advanced malware threats.

NEW QUESTION 705
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